

AIM Ann Report  
1970 to 1971

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AUCKLAND INSTITUTE  
AND MUSEUM  
ANNUAL REPORT



1970~71

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*Cover:* Work in progress on the new Hall of New Zealand Birds: painting background of moa reconstruction. Miss L. Hunter (*left*) and the Preparator, Mr L. J. Cappel

*Vahry photo*

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ANNUAL REPORT  
AUCKLAND INSTITUTE  
AND MUSEUM

1970-71

For presentation at the Annual General  
Meeting to be held on 28th June, 1971

# AIM Ann Report 1970 to 1971

## Staff of the Museum

Director .....	E. G. TURBOTT, M.Sc., F.M.A.N.Z.
Assistant Director and Curator of Applied Arts (from 9 April, 1971)	T. J. BAYLISS
Assistant Director and Botanist (to 8 April, 1971)	R. C. COOPER, B.COM., M.A., PH.D., F.M.A.N.Z.
Ethnologist .....	D. R. SIMMONS, M.A.
E. Earle Vaile Archaeologist .....	JANET M. DAVIDSON, M.A.
Recorder (Ethnology) .....	K. PATRICIA PATERSON
Recorder, Colonial Section .....	AUDREY McBIRNEY
Hon. Botanist .....	LUCY CRANWELL SMITH, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Acting Botanist .....	JEANNE H. GOULDING
Associate Botanist .....	PHYLLIS HYNES
Entomologist .....	K. A. J. WISE
Malacologist .....	W. O. CERNOHORSKY
Research Associate in Mollusca .....	A. W. B. POWELL, HON. D.Sc., F.R.S.N.Z., F.M.A.N.Z.
Marine Biologist .....	A. B. STEPHENSON, B.Sc.
Associate Ornithologist .....	H. R. MCKENZIE
Hon. Curator of English China .....	C. REGINALD FORD, F.R.I.B.A., F.R.G.S.
Librarian .....	I. G. THWAITES, B.A., A.N.Z.L.A.
Assistant Librarian .....	NOLA V. ARTHUR, N.Z.L.A. CERT.
Library Assistant .....	ROBYN TUCKER
Extension Service Officer .....	J. H. WADHAM, B.Sc.
Planetarium Lecturer .....	R. A. McINTOSH, F.R.A.S., F.R.A.S.N.Z.
Assistant Planetarium Lecturer .....	J. B. ORR
Preparator .....	L. J. CAPPEL, DIP. I.A.C. (AMST.)
Staff Artist .....	BETTY BROOKES
Art Assistant .....	JOCELYN BERTRAND
Education Officer .....	R. A. SCOBIE, M.A., F.M.A.N.Z.
Assistant Education Officers .....	B. H. CADMAN, B.A.
Artist-Technician (Education Section) .....	ANNE LEAHY, B.A.
Assistant Treasurer .....	J. B. McCAW
Clerical Assistant .....	THERESE B. WILSON, A.C.I.S.
Shorthand-Typist .....	JENNIFER GRANT
Typist-Telephonist .....	RENEE SHANNON
Supervisor .....	MARGARET WOOLLOXALL
Cabinetmaker .....	R. C. H. HENSEN
Hand (Maintenance) .....	T. BOGDALSKI
Cleaners .....	H. J. ROWE
	O. LEIPPER
	R. MILLER
	C. STEVENS

### Museum Shop:

MYRA ALEXANDER (Manager), MARGARET BOND, JANE MASON, REBECCA TUMAHAI

### Coffee Lounge:

MAY EICHLER (Manager), MARY McSWEENEY (Assistant Manager), HELEN MURDOCH, DORIS RICHARDSON

### Attendants:

K. L. MACK, B.E.M. (Senior), T. COKER, P. EDWARDS, E. J. JOHNSON, R. C. LLOYD, S. McQUOID, J. E. MILLS, E. SOUTH-WORTH, J. P. THOMSON, J. P. WALDEN, N. WALLACE



OFFICERS  
OF THE  
AUCKLAND INSTITUTE  
AND  
MUSEUM

1970-71



*President:*

LIEUTENANT-COLONEL A. R. HUGHES

*Vice-Presidents:*

MR JOHN SEABROOK, C.M.G., A.F.C., MR S. G. BROOKER, M.SC.,  
DR H. C. HOLLAND, O.B.E., F.R.I.C.

*Council:*

MR J. D. ATKINSON, M.AGR.SC., F.R.S.N.Z.	MR D. B. ROBERTSON, M.B., B.S., F.R.C.S.
PROFESSOR L. H. BRIGGS, D.SC., D.PHIL., F.R.S.N.Z.	DR E. H. ROCHE, M.C., M.D., F.R.A.C.P.
DR P. J. BROOK, M.SC., PH.D.	DR J. ROGERS, M.SC., PH.D.
MR G. W. FRATER	PROFESSOR E. J. SEARLE, D.SC.
MR K. B. MYERS, M.B.E.	MR R. B. SIBSON, E.D., M.A.
MR M. A. PATTISON, M.B.E.	MR R. E. THOMAS, F.C.A.N.Z.

*Representatives of the Auckland City Council:*

HIS WORSHIP THE MAYOR, SIR DOVE-MYER ROBINSON  
MR R. H. L. FERGUSON, F.R.C.S., F.R.A.C.S.  
MRS W. M. HOLLAND  
MR W. M. TONGUE, J.P., E.D.

*Representatives of Local Authorities:*

MR C. R. BACH, E.D., B.SC., MR R. CAMPBELL, J.P., MR H. E. CAMPIN,  
J.P., MRS N. J. CANNING, J.P., MR W. N. HUTCHINSON, MR H. A.  
JACKSON, MISS M. H. McCULLOCH, DIP.H.SC., MR J. G. MALE,  
MR F. R. TREVARTHEN, J.P.

*Trust Board:*

MR KENNETH B. MYERS, M.B.E. (Chairman)	MR A. T. PYCROFT
SIR GILBERT ARCHEY, C.B.E., F.R.S.N.Z.	MR J. H. ROSE, LL.B.
DR H. C. HOLLAND, O.B.E., F.R.I.C.	MR JOHN SEABROOK, C.M.G., A.F.C.

*Representative on Member Bodies' Committee, Royal Society of New Zealand:*

DR P. J. BROOK

*Director:*

E. G. TURBOTT, M.SC., F.M.A.N.Z.

# AIM Ann Report 1970 to 1971

## PRESIDENTS OF THE AUCKLAND INSTITUTE AND MUSEUM



1867 F. Whitaker	1902 Dr. E. Robertson
1869 Hon. T. B. Gillies	1903 Professor A. P. W. Thomas
1870 Rev. Dr. A. G. Purchas	1906 Professor F. D. Brown
1871 T. Heale	1907 E. V. Miller
1873 Hon. T. B. Gillies	1909 Professor C. W. Egerton
1874 Sir G. A. Arney	1910 Dr. R. Briffault
1875 J. C. Firth	1911 J. H. Upton
1876 Hon. T. B. Gillies	1912 Professor H. W. Segar
1877 R. C. Barstow	1913 C. J. Parr
1878 T. Heale	1915 Hon. Sir E. Mitchelson
1879 Rev. Dr. A. G. Purchas	1917 J. H. Gunson
1881 T. Peacock	1926 H. E. Vaile
1882 E. A. MacKechnie	1931 Alfd. G. Lunn
1883 Rt. Rev. Dr. W. G. Cowie	1933 Professor H. W. Segar
1884 H. G. Seth Smith	1934 Sir Cecil Leys
1885 J. A. Pond	1935 A. T. Pycroft
1886 Professor F. D. Brown	1936 Sir Carrick Robertson
1887 Professor A. P. W. Thomas	1938 C. Reginald Ford
1888 S. Percy Smith	1940 Dr. W. A. Fairclough
1889 J. Martin	1942 A. H. Johnstone
1890 J. Stewart	1944 J. C. Rennie
1891 Professor F. D. Brown	1947 Hon. T. Bloodworth
1893 Professor C. A. M. Pond	1949 F. L. G. West
1894 J. H. Upton	1952 Professor L. H. Briggs
1895 Professor A. P. W. Thomas	1955 J. W. Kealy
1896 D. Petrie	1958 J. H. Rose
1897 Dr. E. Robertson	1961 John Seabrook
1898 Prof. H. A. Talbot-Tubbs	1964 S. G. Brooker
1899 J. Batger	1967 Dr. H. C. Holland
1900 Professor H. W. Segar	1970 Lt.-Col. A. R. Hughes
1901 J. Stewart	



## DIRECTOR EMERITUS

Sir Gilbert Archey, C.B.E., F.R.S.N.Z.

## REPORTS TO MEMBERS

### President

Amongst the year's events mention may first be made of the most recent, the visit to the Museum on Wednesday evening, 21st April, 1971, of Her Royal Highness Princess Alexandra, the Honourable Mrs Angus Ogilvy, and the Honourable Angus Ogilvy, and the formal opening by Her Royal Highness of the City of Auckland Centennial Exhibition "Auckland 1871". While the events of the centenary strictly fall within the period of next year's *Report*, the greater part of our preparations for the function were made in the period under review, and it is thus appropriate that it should be mentioned at this stage.

The Official Opening enabled the Royal party to see something of the Museum. In addition, we staged a comprehensive and authentic display of the finest Maori possessions of the Museum — especially ancient and historic cloaks and items of apparel and ornament — before a gathering of some 600 members and friends in the Maori Court.

All will wish to join in recording our appreciation of the visit to the Museum by Her Royal Highness and her husband, the Honourable Angus Ogilvy. The opportunity is also taken to convey thanks to the many who participated in the organisation of the function — to the Mayor of Auckland, Sir Dove-Myer Robinson, and Councillors, for their co-operation in incorporating the Official Opening as one of the principal events of the Royal visit; to the Town Clerk and City Administration; to the Tour Director, Mr P. J. O'Dea, C.V.O., and members of the Internal Affairs Department staff; to the organisers of the Maori demonstration as mentioned below; and finally, to our own Director and staff, who worked continuously on arrangements up to the opening.

The Maori items and demonstrations, which formed such a memorable feature of the evening, were organised under the general supervision of Dr P. W. Hohepa, of the Anthropology Department, University of Auckland, with co-operation from Mrs P. Walker, Dr S. M. Mead and our own Ethnologist, Mr D. R. Simmons. Mr Bayliss assumed responsibility for the overall co-ordination of the demonstrations and items, and the installation of the necessary platforms and ramps in the Maori Court. A team of Maori models was assembled, the head-dress, *moko* (tattoo) and clothing of each being arranged with special attention to authenticity and historic period; models participating were Hana Jackson, Sid Jackson, Pura Jackson, Karen Rika, Denis Hansen, Rau Kirikiri, Albert Pryor and Tamati Reedy.

The setting up of "Auckland 1871" was due to the Assistant Director and Curator of Applied Arts, Mr T. J. Bayliss, assisted by

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Official Opening of "Auckland 1871" on Wednesday, 21st April, 1971, showing Dr Elizabeth K. Hughes, the President (Lt.-Colonel A. R. Hughes), Her Royal Highness Princess Alexandra and the Honourable Angus Ogilvy  
*New Zealand Herald photo*

Mrs Betty Brookes. In addition, a comprehensive cross-section of the Museum staff assisted in the organisation and assembly of the exhibition (further details are given by Mr Turbott in his report below).

I take this opportunity on behalf of members of extending congratulations to Dr Hohepa and all participants in the Maori demonstrations, and to Mr Bayliss, Mrs Brookes and all who worked on "Auckland 1871".

The committee of the Council set up to arrange for participation in the celebration of the City centenary decided, in addition to the contribution of an exhibition, to make the year's lecture syllabus a centennial one: this was arranged, the eight lectures in the series bearing the general title "Auckland Yesterday and Tomorrow". In his address on Sunday evening, 18th April, 1971, opening the series, His Worship the Mayor of Auckland, Sir Dove-Myer Robinson, presented a comprehensive historical survey and thoughtful summary of the city's needs under the title "Development and Future of the City".

Reporting on our programme of major developments, the tenders for the Museum Shop as mentioned by Dr Holland in his report last year were approved in April 1970. Good progress was

made by the building contractors, Messrs Conway Construction Company Ltd, and it is with pleasure that we report that the shop was opened for business on 20th December, 1970. Our appreciation is due to the Architect, Mr R. F. Draffin, and to the building contractors on, respectively, the very satisfactory design of the new installation and prompt completion of the contract. The Shop Manager, Mrs M. W. Alexander, and her staff have since then made outstanding progress in the organisation of the shop and establishment of effective display and sales procedures, and it is felt that, as was the case with the Coffee Lounge, this will provide a most useful adjunct to the Museum and one likely to be appreciated by both local and overseas visitors.

On 22nd January we were greatly honoured by a visit from Their Royal Highnesses Prince and Princess Mikasa of Japan. Prince and Princess Mikasa were able to see several sections of the Museum during a brief visit; in addition, Prince Mikasa made comments of much value on our collections in the light of his professional interest in Japanese pre-history.

Our institution welcomed the opportunity to make the Museum available for an Investiture by His Excellency the Governor-General,



At the opening of "Auckland 1871": Princess Alexandra and the Honourable Angus Ogilvy discuss the demonstration of cloaks with the Maori models: (left to right) Hana Jackson, Denis Hansen, Karen Rika, Sid Jackson, Rau Kirikiri

*New Zealand Herald photo*



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Sir Arthur Porritt, Bt, G.C.M.G., K.C.V.O., C.B.E. This was held in the Auditorium on Friday, 26th March, 1971.

Relatives of Mrs M. Tahiwī, of Wellington, and friends met in the Eastern War Relics Gallery on 28th August on the occasion of the presentation to the Museum by Mrs Tahiwī of a scroll bearing the names of all members of the First New Zealand Maori Contingent. The scroll, signed on the arrival in Egypt in 1915 of the troop transport *Warrimoo*, later came into the possession of Mrs Tahiwī's husband, whose name is on the scroll; a framed facsimile — also presented by Mrs Tahiwī — is on exhibition in the Gallery.

We were pleased on the evening of 13th April, 1970, to welcome members of the Pacific Area Travel Association Conference, whose reception was held in the Maori Court. On Sunday evening, 31st January, 1971, delegates to the Fourth Asia and Oceania Congress of Endocrinology held their opening reception in the Maori Court and Auditorium.

## Awards

It is with pleasure that congratulations are extended this year on honours granted by Her Majesty the Queen to Sir Brian Barratt-Boyes, K.B.E., F.R.S.N.Z., Sir Dove-Myer Robinson and Mr B. P. Stevenson, M.B.E.

At the last Annual General Meeting members elected His Grace Archbishop James M. Liston, C.M.G., D.D., Hon. LL.D., to the Honorary Life Membership of the Institute and Museum. Archbishop Liston has been a member of the Institute since 1945, and his long and personal interest in the Museum includes his agreement to act as one of the sponsors for the Auditorium Appeal. Members will wish to take this opportunity of again expressing appreciation of the notable contribution made to our work by Archbishop Liston.

Three of those elected to the Fellowship of the Royal Society this year were nominated by our own Fellowship Committee: Sir Brian Barratt-Boyes, Professor P. B. D. de la Mare and Dr M. P. Hartshorn. To these recipients of the Fellowship cordial congratulations are extended on behalf of members.

## Council

The election for Council members at the last Annual General Meeting included that for the seat vacated by Mr J. H. Rose, who retired from the Vice-Presidency in rotation, and did not wish to stand again for re-election. Members at the Annual General Meeting, as well as members of the Council, expressed their indebtedness to Mr Rose, who joined the Council in 1951, and was President from 1958 to 1961; during Mr Rose's period as President the Second

World War extensions were completed and officially opened. Up to his retirement he had been a member of both the Finance and Conservation Committees of Council, and had also served as the representative of the Institute and Museum on the Waipoua Forest Advisory Committee; he continues to serve as a member of the Trust Board.

As the result of the election Professor L. H. Briggs, Dr P. J. Brook, Mr G. W. Frater, Dr I. H. Kawharu and Mr D. B. Robertson were re-elected, while Dr J. Rogers was elected for the first time and is very cordially welcomed to the Council.

Later in the year two resignations resulted in further changes in the Council. The first was due to the resignation in July of the member elected to represent southern provincial contributing Authorities, Mr B. C. Adam; in an election to fill the vacancy Mr R. Campbell was successful, and we are happy to welcome Mr Campbell to his seat on the Council.

In December Dr Kawharu received an appointment to a personal chair in Social Anthropology at Massey University; Professor Kawharu's notable contribution to the work of the Institute and Museum throughout his membership of the Council had been greatly appreciated, and it was with regret that his resignation was accepted. Council appointed Mr R. E. Thomas, F.C.A.N.Z., to the seat made vacant through Dr Kawharu's resignation.

I am pleased to have the opportunity of recording in this report appreciation on behalf of all members of the leadership and inspiration which marked Dr Holland's three years in the Presidency. During this period both Dr and Mrs Holland, through their personal interest and unselfish contribution of time and effort, greatly furthered the Museum's work, and members will wish to join in recording their thanks on this occasion.

## Staff

With the retirement on 30th October, 1970, of Miss Enid A. Evans, B.A., A.L.A., F.N.Z.L.A., after 24 years' service, we lost a senior and much-valued member of the staff. Miss Evans was appointed to the post of Librarian on 18th September, 1946, and her work throughout her long period of service was marked by her outstanding organising ability and high professional standards. The Library developed under her care into an installation of international reputation and of much influence in research; her contribution included wise recommendations on the use of the E. Earle Vaile Endowment for the purchase of works — including in many cases rarer volumes — on New Zealand and the Pacific, a field in which the Library is now outstanding. Miss Evans developed archives and photographic sections in the Library, both contributing greatly to the



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facilities available for historical research. Her own interest in New Zealand history led her to compile a volume *Reminiscences by Mrs S. H. Selwyn 1809-1867*, based upon a manuscript in the Library (issued by Auckland Institute and Museum: 1961). Miss Evans has become well known to many members and all will join in conveying our appreciation and best wishes on her retirement.

Council appointed Mr I. G. Thwaites, B.A., A.N.Z.L.A., in Miss Evans' place. Mr Thwaites comes to the staff with extensive experience of library work, having held the post of Senior Reference Assistant at the General Assembly Library, and previously that of assistant at the Alexander Turnbull Library and Victoria University Library.

A further change in the senior staff occurred on 8th April, 1971, with the resignation of the Botanist and Assistant Director, Dr R. C. Cooper, B.Com., M.A., Ph.D., F.M.A.N.Z., to take up teaching. Dr Cooper had served on the staff for 23 years, having been appointed to the post of Botanist on 16th February, 1948; he became Assistant Director in April 1968. His wide botanical experience included two years leave of absence in 1951-53 during which he held a fellowship at Washington University, St Louis, and Missouri Botanical Garden, and obtained his Ph.D. at Washington University. Subsequently, under a Yale University-Bishop Museum fellowship, he undertook extensive field work as part of a project on the distribution and cultivation of taro in the Pacific, visiting Fiji, Samoa, the Cook Islands, Tahiti, New Caledonia, New Guinea, Queensland and Raoul Island. More recently he received a Golden Kiwi Lottery research grant, and this enabled him to survey native and introduced plant distribution throughout the Auckland provincial area, with special reference to the survival of native species in forest remnants; this project resulted in the addition of several thousand dried specimens to the herbarium. He served as Honorary Secretary of the Art Galleries and Museums Association of New Zealand for a period of 15 years, and was awarded the Association's Fellowship. His published work includes a number of papers in the *Museum Records* and a *Museum Handbook* (jointly with Mr S. G. Brooker), *New Zealand Medicinal Plants* (1962). An important task undertaken by Dr Cooper from 1968 to his resignation was the editing of the Museum's *Records* and *Bulletins*. Members will wish me on their behalf to record our indebtedness to Dr Cooper for his able services, especially in the maintenance and development of the Museum's large and important herbarium, and in administration.

Following the resignation of Dr Cooper, Council appointed as Assistant Director the Museum's Curator of Applied Arts, Mr T. J. Bayliss. Mr Bayliss' outstanding success in developing the display halls and his contribution in several sections of the Museum are well known to our members, and it is with pleasure that the opportunity is taken to welcome him to the Assistant Directorship.

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In December 1970, Mrs Edna M. Stephenson resigned from the position of Curator, Colonial Section, to move to Australia. Mrs Stephenson was appointed in July 1965, when by arrangement with Messrs Milne & Choyce it was agreed that an appointment should be made to assist in the assembly of the material for "Centennial Street"; the salary of the appointee was guaranteed by Milne & Choyce for the first four years. Mrs Stephenson's contribution throughout the period of planning and installation — including the transfer of the "Street" to the Museum — was a highly creditable one, and she has since assisted in making this section of the Museum widely known, and in encouraging interest in pioneer and historical groups, including many well beyond the city area. Following Mrs Stephenson's resignation, Mrs A. McBirney was appointed to the post of Recorder, Colonial Section.

## Membership

The roll has changed as follows:

	As at 31/3/70	As at 31/3/71
Life Members	436	434
Annual members	849	870
	<hr/> 1,285	<hr/> 1,304

## Obituary

The death of the following members is recorded with regret: Mrs M. J. Clare, Dr H. V. Coverdale, Mr G. W. C. Drake, Mr N. A. Duthie, D.S.O., Mr J. F. Ewen, Miss P. C. Gee, the Honourable Mr Justice Hardie-Boys, Mr H. R. Jenkins, Mr J. W. Kealy, S.M., Miss Z. O. Lloyd, Dr M. E. Reizenstein, Mr S. Thorne George, Mr J. H. B. Walker.

Mr J. W. Kealy, S.M., who died on 4th July, 1970, joined the Council as an Auckland City Council representative in 1939 and later became an elected member; he was President from 1955 to 1957, and Vice-President until 1967, when he did not offer himself for re-election. Mr Kealy was well known in Auckland as a solicitor, and was appointed a Magistrate in 1950 and Chairman of the Town and Country Planning Appeal Board in 1962. His two particular interests were reading and horticulture; he took a leading part in library development, serving as President of the New Zealand Library Association, 1948-49, and he was also President for a term of the New Zealand Institute of Horticulture. His presidency extended over almost the whole of the period during which the Second World War extensions to the Museum were built, and his interest in the progress

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of the Museum, which continued even though he was no longer a member of the Council, will be much missed.

Miss Z. O. Lloyd joined the Institute in 1944 and in addition to her close interest in the Museum was Education Officer during Mr Scobie's absence on overseas service from 1942 to 1949. During the latter period, in addition to the organisation of formal teaching, she took a leading part in arranging the lectures and demonstrations held in the Museum for convalescent servicemen.

Dr M. E. Reizenstein, who died this year in Switzerland, had been an active member during his period of residence in Auckland; he retained his membership and strong interest in the Institute and Museum until his death. A scholar noted for his studies in linguistics, Dr Reizenstein gave much valued assistance both to the Library and to the Ethnology Department of the Museum.

## Gifts

The excellent progress made with the current major display project, the Hall of New Zealand Birds, has led at the same time to an urgent need for capital funds: our application to both the Auckland Savings Bank and to the Sir John Logan Campbell Trust for monetary grants has again met with a most generous response. I have pleasure in expressing thanks for a grant of \$1,000 for the installation of the Hall to the Auckland Savings Bank, and for a grant of \$4,000 for the same object to the Sir John Logan Campbell Trust. It will be remembered that the latter Trust contributed \$2,000 towards the Hall last year, making it possible for us to begin work on this important project.

We are happy, too, to record our thanks for a contribution of funds by Mr Charles Edgar Disney. Mr Disney, as will be remembered, set up the Disney Art Trust (with funds at that date of \$108,966) in 1967, and this remains our principal means of adding fine objects to the Applied Arts collections. Mr Disney has now set aside \$7,100 in order to provide the funds necessary for the installation of the Hall of English Furniture, plans for which are given by Mr Bayliss in his report below. Our thanks are gladly tendered to Mr Disney for this further instance of his generous support.

Much appreciated additions to our funds this year are: a bequest of \$500 under the will of the late Mrs M. J. Clare; and a gift of \$200 from Mrs M. Hemingway to enable the entomological collections to be maintained.

We acknowledge also monetary contributions towards the work of the Museum from the Auckland Returned Services Association, Miss R. B. Hellaby, Mrs R. Miller, New Zealand Institution of Engineers Conference, P.A.T.A. Conference, Mr F. N. Shepherd, and Mrs E. J. Wiseman.

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## Local Authority Contributions

<b>Metropolitan Statutory —</b>		
Auckland City	50,154.89	
Birkenhead Borough	2,439.32	
Devonport Borough	2,605.89	
East Coast Bays Borough	3,330.52	
Ellerslie Borough	1,539.23	
Glen Eden Borough	1,058.60	
Helensville Borough	186.70	
Henderson Borough	1,318.71	
Howick Borough	2,517.53	
Manukau City	18,621.53	
Mt Albert Borough	4,829.69	
Mt Eden Borough	3,877.22	
Mt Roskill Borough	7,129.76	
Mt Wellington Borough	5,842.61	
New Lynn Borough	2,319.82	
Newmarket Borough	1,452.49	
Northcote Borough	1,908.89	
Onehunga Borough	3,953.61	
One Tree Hill Borough	3,698.15	
Otahuhu Borough	2,383.72	
Papakura Borough	2,605.16	
Papatoetoe City	3,666.14	
Takapuna City	6,588.93	
Waitemata County	16,272.27	
	<b>\$150,301.48</b>	
<b>Provincial: Statutory —</b>		
Hobson County	534.38	
Hokianga County	66.69	
Huntly Borough	437.00	
Kaikohe Borough	47.52	
Kaitia Borough	25.00	
Kawakawa Town	14.29	
Kawerau Borough	174.16	
Mangonui County	66.70	
Murupara Town	14.03	
Ngaruawahia Borough	256.23	
Opotiki Borough	15.40	
Putaruru Borough	153.58	
Rodney County	1,741.94	
Rotorua City	1,137.93	
Taumarunui Borough	93.00	
Taupo Borough	77.11	
Te Kuiti Borough	144.51	
Waiheke County	178.20	
Waikuku Borough	293.05	
Warkworth Town	176.04	
Whakatane Borough	172.81	
Whangarei City	2,844.14	
Whangaroa County	34.81	
	<b>\$8,698.52</b>	
<b>Provincial: Voluntary —</b>		
Cambridge Borough	50.00	
Franklin County	1,000.00	
Hauraki Plains County	90.00	
Matamata Borough	20.00	
Matamata County	1,000.00	
Morrinsville Borough	50.00	
Otamatea County	100.00	
Otorohanga Borough	50.00	
Paeroa Borough	50.00	
Pukekohe Borough	200.00	
Raglan County	100.00	
Rotorua County	300.00	
Tauranga City	200.00	
Tauranga County	100.00	
Te Aroha Borough	100.00	
Te Puke Borough	40.00	
Thames Borough	60.00	
Thames County	55.00	
Tuakau Borough	80.00	
Waihi Borough	100.00	
Waikato County	200.00	
Waipa County	100.00	
Waitomo County	130.00	
Whakatane County	200.00	
Whangarei County	240.00	
	<b>\$4,615.00</b>	

## Conservation

Our strong interest in conservation continues to be actively maintained: through the Archaeologist, Miss Janet Davidson, the Institute and Museum has closely watched the situation as regards the various District Schemes drawn up under the Town and Country Planning Act, 1953, and where desirable formal objections to ensure the preservation of sites of archaeological, historic or scientific interest have been lodged. Last year Miss Davidson prepared submissions on seven such sites in the Manukau City area, and we are happy to report that decisions ensuring protection were made with respect to the following: Mangere Mountain; Elletts Mountain, Mangere; Puhinui Pa; Oue Pa, and another adjacent small pa, Clevedon; Maori agricultural system, Mangere; pa site at eastern end of Maraetai Beach (designation to stand until the site is affected by roading improvements).

In addition, the Institute and Museum supported the objection lodged under the Manukau City District Scheme by the Auckland Regional Committee, New Zealand Historic Places Trust, asking for the preservation of the Wiri lava cave, our submission in this instance



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being prepared by Associate-Professor E. J. Searle. This objection was also allowed.

The Council's Conservation Committee (under the chairmanship of Mr D. B. Robertson) has given much attention to issues relating to the development of the Waitemata Harbour foreshore. A proposal by the Nature Conservation Council and other conservation bodies that a comprehensive plan be prepared for the conservation and development of the harbour before further major works are carried out has the full support of the Institute and Museum. Two specific cases investigated by the Committee were the proposed reclamation of Ngataranga Bay, objections to which will later be heard before the Town and Country Planning Appeal Board; and filling by the Waitemata County Council of mangrove swamp areas bordering on Henderson Creek: in the case of the latter, the County Council, in reply to a submission by our Council, gave its assurance that the area of mangrove swamp occupying the section of the creek immediately in front of Rutherford High School would not be disturbed.

I have pleasure on behalf of members in thanking Mr Robertson and members of his Committee for the time and attention given to these projects.

## The Museum

Details are given by the Director, Mr Turbott, and by members of the staff in the appropriate reports, of the very satisfactory rate of progress achieved in the work of the Museum, and in the improvement of the display halls; this year excellent progress has been made in a major project, the new Hall of New Zealand Birds. It is with much pleasure that I ask members to join in extending compliments on the work of the past year to Mr Turbott and his staff.

It is of special interest this year that our total annual attendance (figures have increased steadily for some years, as mentioned in earlier *Reports*) has for the first time passed the half-million mark. Attendances for the past three years are as follows:

1969: 439,379

1970: 455,023

1971: 527,221

I have great pleasure in placing such figures, indicating a high degree of sustained interest and something of the effect of the progress achieved in our display Halls, before members.

A. R. HUGHES

## Chairman of the Trust Board

This year has seen much activity on the part of the Board in that plans to place a modern building on one of the sites administered under the Vaile Endowment have been carried to an advanced stage,

although they are not yet finalised: the result will be a very marked improvement in income, as well as reduced maintenance requirements on this section of the Vaile properties, at least for some years to come. Otherwise the properties have been maintained as usual, and all are at a satisfactory standard.

The last two sections of land held at Broadlands — other than a small plot containing the monument to the late Mr E. Earle Vaile — were sold during the year.

Invested funds now stand at \$403,606.

As some acoustic treatment is still required in the Children's Room, adjacent to the Auditorium, the Auditorium Fund still has a small credit outstanding, but it is expected that this work will be carried out and the Fund completely expended in the coming year.

KENNETH B. MYERS

## Director

### Institute Lectures

This year only one evening meeting was arranged other than those for lectures in the set syllabus: we acted as joint sponsors for a meeting on 3rd February, 1971, with the Nutrition Society of New Zealand Sixth Annual Conference and Fourth Asia and Oceania Congress of Endocrinology, on the general subject, "International Problems in Nutrition"; two addresses were given during the evening, the first being by Dr Arnold E. Schaefer (United States Public Health Service) on "Challenges in Nutrition in the Asia-Oceania Region", and the second by Professor John B. Stanbury (Massachusetts Institute of Technology) on "Iodine Deficiency — A World Problem". Members much appreciated the opportunity to hear these distinguished delegates to the Conferences.

Our thanks are due to the following lecturers who contributed to the syllabus: Mr G. J. H. Moon, "Photographing New Zealand Birds"; Dr R. W. Willett, "Oil Prospecting in New Zealand"; Professor A. T. Wilson, "The Scientific Challenge of the Antarctic"; Mr John N. Huchison, "Apollo Space Missions"; Dr P. P. E. Savage, "Contemporary Drug Abuse in New Zealand" (Annual Medical Association Lecture); Professor V. J. Chapman, "Pollution: It's Later than You Think!"; Sir Edmund Hillary, "The Sherpa People of Nepal"; Dr Roger C. Green, "The Archaeological Exploration of Oceania".

It was decided this year to experiment by advertising the Monday night series and at the same time to discontinue for 1970 at least the Sunday Afternoon Lecture series, which had been attracting only moderate attendances. The wide interest of the topics and more comfortable conditions provided by the Auditorium probably assisted in attracting the very satisfactory attendances recorded (average attendance 263). The procedure is being repeated in 1971, and the present Auckland City centennial series will be advertised in the press and the public invited to attend.

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## Display Halls

Mention was made in last year's *Report* of the start of work on the new Hall of New Zealand Birds. As this installation has been given priority during the year under review, requiring the full-time attention of a considerable section of the staff, an account in some detail may be given at this stage.

The new Hall will occupy a section of the World War II extensions to the south of the Botany Hall, in the corresponding position — on the other side of the building — to the present Hall of Fishes and Whales. The space available (total area 3,300 square feet) is roughly L-shaped, and within this space Mr Cappel's design allows for a series of running wall cases right round the Hall, together with three much larger cases to house full-sized dioramas; the three scenes chosen for the latter are a Little Barrier Island forest scene, a Hauraki Gulf gannet colony, and a scene showing our reconstruction of the largest moa *Dinornis maximus*.

The complete identification series of New Zealand birds as in the old Hall will be shown, together with some — especially the petrels and waders — omitted formerly owing to lack of space; in addition, the introductory case as the visitor enters the Hall will deal with the biology of birds, while another general case in a central position is devoted to migration. Existing habitat groups (kiwi, kea, wandering albatross, white-fronted tern, spotted shag, pied shag, birds of swamps and inland waters) will be given a new setting with painted backgrounds, i.e., modified as dioramas; a further diorama — showing waders at a Manukau Harbour high tide roost — comprises a novel "deep dome" design developed to meet problems of perspective in representing this type of habitat by Mr Cappel.

The installation requires the construction of new cases throughout: the design for these was prepared some time ago by Mr Cappel, and within a period of approximately twelve months since installation began constructional work is now practically complete. This part of the work was carried out by three contractors: Steele Construction Ltd (wooden frames and partitions); ANZ Engineering Co. Ltd (R. J. Vaassen); and R. A. Stanborough and Son Ltd (plaster work on domes and partitions). Plate glass has been installed by Philipps and Impey Ltd, and case lighting by Messrs T. S. Bishop. Our own cabinetmaker, Mr T. Bogdalski, has worked on internal linings of cases and exterior wooden fittings throughout (it should be noted also that the wooden framework of the first series of cases was built by Mr Cappel and Mr Bogdalski).

The work of transferring the identification series and painting backgrounds for modified habitat groups has often had to go on simultaneously with major installations by contractors, and this has meant that Mr Cappel has had to work frequently under particularly trying conditions. However, now that the main contracts are finished,



it will be possible to plan the remaining installations more systematically. Each display requires, firstly, overall discussion of content and design by the Director and Mr Cappel, and this is followed in the case of the identification series by the assembly and installation of the examples chosen for each species; Mrs Brookes and Miss Bertrand have also assisted at this stage of installation. All labels are being hand-written by Miss Bertrand, the work in some instances requiring diagrams or illustrative drawings; cork "Graforel" cut-outs are being used for main headings.

While good progress is being made towards the transfer of the contents of the old New Zealand Bird Hall, two of the larger dioramas (Little Barrier Island, gannet colony) will probably remain for attention after the completion of all work on the general New Zealand bird series and opening of the Hall; work on the larger dioramas is more time-consuming than on the displays transferred from the old Hall, and each of those mentioned will form a substantial project for Mr Cappel.

The next main project, the Disney Hall of English Furniture, for which plans have been completed by Mr Bayliss, must wait until substantial progress has been made with the transfer of displays from the old Bird Hall. However, work on this installation can be started as soon as at least half the Hall has been cleared, and it is anticipated that the first moves in the new Hall can be made shortly. In the meantime, items from the collection have been temporarily displayed by Mr Bayliss in the section already cleared.

Work in other Halls includes the incorporation of new material in "Centennial Street" by Mrs Stephenson and, following her departure, by Mrs McBirney; and the addition of several items to displays in the Maritime Hall by Mr Stephenson. A small two-unit display has been installed in the New Zealand Geology and General Natural History Hall by Mr Stephenson, in co-operation with Mrs Brookes and Miss Bertrand; this deals with shoreline ecology, one section describing the life of a rocky shore (St. Heliers) and the second a tidal mudflat (Hobson Bay).

## Special Exhibitions

Our long association with the Auckland Studio Potters has continued, the Society's Annual Exhibition being held in September in the Exhibition Hall. This was followed by the World Crafts Council New Zealand-Asian Exhibition, running from 8th to 25th October. Exceptionally high attendances taxing the capacity of the Hall were recorded for both Exhibitions, especially during weekends. An exhibition comprising the Auckland Photographic Society "best prints of the year" collection was shown in the Hall, 20th November - 3rd December.

The Auckland Science Exhibition was again held in the August

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vacation, and was officially opened this year at a function in the Auditorium. The opening speaker was Professor L. H. Briggs.

We were associated, too, with the ambitious Maori entertainment "Mauriora 1970", staged in the Auditorium in November by the Save Queen Victoria School Appeal Committee: some of our older cloaks and ornaments were taken from reserve for a demonstration of Maori dress included in the entertainment — this demonstration was arranged by Dr P. W. Hohepa, of the University of Auckland Anthropology Department, and we were later able to call on Dr Hohepa for help with a similar display at the opening of "Auckland 1871" (see President's report).

Some details may be recorded, in addition to the general description given above by Lieutenant-Colonel Hughes in his report, of the installation of our centennial exhibition "Auckland 1871", and of the Maori items staged on the occasion of the Official Opening. Work on the selection and assembly of the material for the Exhibition began in December, under the supervision of Mr Bayliss. Mrs Brookes co-operated in the planning of the Exhibition at all stages, while assistance was given by, respectively: Mr Simmons (Maori records); Mrs Stephenson and Mrs McBirney (Colonial items); and Mr Thwaites and Mrs Arthur (historical records). Material was lent by a number of individuals and organisations: of these, special mention may be made of Mr J. Ryder (costume), Mr and Mrs L. Wintle (dinner service and silver), Mr J. Waldie (furnishings), Mr J. Main (furnishings), Pelorus Press (printing press) and the Museum of Transport and Technology. Lay figures were lent by Messrs Milne and Choyce, George Court and Sons, Rendells, Smith and Caughey, and Farmers Trading Company. To all those who helped so willingly with articles and material for the Exhibition, very cordial thanks are expressed.

The actual establishment of the Exhibition — this occupied a period of nine weeks — required the participation of a large section of the staff: these, working under Mr Bayliss' general supervision, were Mrs Brookes, Miss Bertrand and Mrs McBirney (installation of tableaux and panels), Mr Wadham (lighting and music) and Mr Bogdalski and Mr Rowe (construction). Backgrounds for two tableaux were painted by Mrs Brookes. Finally, a notable contribution was made on the opening night and throughout the period of the Exhibition by Mr F. Garland, a former master compositor; his regular demonstrations of the printing of a broadsheet formed a feature of the Exhibition, and the sheet itself provided both a record of the displays and amusement for our many visitors.

In order to stage the Maori items at the Official Opening on 21st April, we had to arrange for much modification of the Maori Court. This again was supervised by Mr Bayliss, who arranged for the installation of platforms and ramps, and for the special lighting required for the demonstrations of cloaks (in co-operation with Dr Hohepa). The building work required was carried out by Steele

Construction Ltd, and the stage lighting by Messrs H. B. Kenderdine.

In addition to the Museum's contribution to the City centenary as above, we contributed a display and photographic material to the joint Royal New Zealand Yacht Squadron - Auckland Harbour Board centennial exhibition "Maritime 100", held from 22nd February to 6th March, 1971. The display, which dealt with marine biology and the history of fisheries, was arranged by Mr Stephenson.

In addition to participation in our own exhibitions, Mrs Brookes has been called upon for a good deal of assistance with displays by outside organisations: help was given with a 24-booth installation by the Department of Agriculture, Plant Diseases Division, and Auckland Industrial Development Division for the Garden Week Show in October, 1970; also, advice was given in the setting up of the historical exhibition staged in the Building Display Centre in May, 1970, by the Kerikeri Society for the Preservation of the Stone Store. As mentioned by Mr Scobie in his report, Mrs Brookes assisted in the establishment of the Museum's contribution to the International Education Week display.

#### **Assistance in the Provincial Area**

Members of the staff have, as has often been the case in past years, been asked to assist with advice on display and identification in centres outside Auckland. Mrs Stephenson, Mrs Brookes and Mr Simmons visited Tauranga in August at the invitation of the Tauranga Historical Society during the final stages of the installation of the district Museum, and helped to organise and arrange the Society's considerable holdings of Maori and colonial material; earlier, members of the Society had visited Auckland, and much discussion on plans for the new Museum had also been carried out by correspondence.

Assistance was also requested by the Thames Borough Council in the early stages of planning for a small museum of local history; a visit was made to Thames by Mrs Brookes, Mrs Stephenson, Mr Simmons and the Director, and plans for the proposed museum were discussed.

The Director also visited Taupo at the invitation of the Taupo Borough Council, again to discuss plans for a proposed museum and to address a meeting of interested citizens.

#### **R.S.N.Z. Captain James Cook Fellow**

A brief progress report has been furnished by Dr Roger C. Green, who, as mentioned in last year's *Report*, nominated the Institute and Museum as his sponsoring body on his appointment to the Fellowship. Dr Green took up his Fellowship in February, 1970.

Dr Green reports as follows:—

"The Museum has provided during the year, between periods of field work in the South-east Solomon Islands, a base suitable for intensive study and analysis, enabling me to draw on the extensive ethnological holdings in the Ethnology Department from Melanesia,

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particularly the Solomons, and the extensive Library resources on the Pacific.

"The research project comprises a three-year study of the pre-history of the South-east Solomons. In the first year two field trips, each of three months, were undertaken: the first was a reconnaissance of the entire Eastern District of the Solomons, locating sites, making collections and selecting project areas for investigation by myself and a number of participating colleagues. The second project was a series of excavations by myself in some pottery sites dating to several thousand years ago in the Santa Cruz and Reef Island groups, as one of a number of parallel investigations now under way in the Eastern District, all of which relate to reconstructing its prehistory."

## **Ornithology Department**

It is with pleasure that I report briefly on the contribution to our work — of particular value during the past year, in view of the installation work on the Bird Hall — made voluntarily by the Associate Ornithologist, Mr H. R. McKenzie. Mr McKenzie, who took up his post on 1st March, 1968, following the resignation of Mrs Lois Wagener, has come in regularly, generally once a week, and has attended to the recording and maintenance of the ornithological collections; this has included routine work connected with the recording and acknowledgment of the many accidentally-killed birds sent in to the Museum.

Mr McKenzie has received much help from Mrs McKenzie (who also maintains the Library of the Ornithological Society of New Zealand, housed in the Museum). The help given by both Mr and Mrs McKenzie richly deserves the thanks of all who use the bird collections.

## **Australian Museum Directors' Conference**

I much appreciated the opportunity to accept an invitation to attend the Conference of Australian Museum Directors held in Brisbane on 7th and 8th July. The meeting, which was attended also by Dr R. K. Dell (Director, Dominion Museum) and Dr R. R. Forster (Director, Otago Museum), gave the opportunity for a broad interchange of ideas on administrative and technical aspects of museum work, and on community issues — including conservation — affecting museums in both countries.

## **Publications**

Although an issue of the *Records* had been planned, all material had not been received in time for publication in the year under review.

*Bulletin* No. 7, "Systematics of the Families Mitridae and Volutomitridae (Mollusca: Gastropoda)" by Walter O. Cernohorsky (100 pages), appeared on 1st October, and our congratulations go to Mr Cernohorsky on the addition of another volume of high standard to the series.

E. G. TURBOTT



### Anthropology and Maori Studies Section

The Section had two excellent evenings. The first was a film evening during which Mr Roger Sandall showed his own anthropological films on aborigine life. The second was for "The Prehistory of Bougainville" by Mr John Terrell, a talk given in association with the University of Auckland Archaeological Society. Mr J. A. Gale, of the Race Relations Council, also addressed the Section.

A special meeting was held in September to consider the future development of the Section. As a result it is planned to arrange for a "Roger Buddle Memorial Lecture" each year. The late Roger Buddle, a stalwart member of the Section and benefactor of the Museum, left a small bequest to the Section; the interest from this will now be used for paying the expenses of a lecturer. Since Roger Buddle was one of the band of amateur ethnologists who did so much to record information about Auckland and the area before it was destroyed or lost, it is very fitting that the first lecture is to be on the subject "The Maori, Changing and Changeless" by Mr Harry Dansey.

A further proposal to issue a *Newsletter* has already been put into effect: entitled *Pukapuka*, it has been sent to all members of the Institute in an attempt to stimulate a wider interest in the Section.

The officers of the Section are: Patron, Dr. J. Metge; Chairman, Mr E. Grimes; Secretary, Mr D. R. Simmons; Treasurer, Mr J. T. Diamond; Committee, Professor R. Piddington, Dr. R. Walker, Miss I. Hamilton, Messrs R. Scobie and J. Webster.

D. R. SIMMONS

### Astronomical Section (page 40)

### Conchology Section

The year's activities have once again been of a satisfactory though unspectacular nature. Attendance at meetings and field days has been well maintained, while an excellent panel of speakers has met with most enthusiastic response. In this respect we must once more record our grateful thanks to Museum, University and other specialists.

Our thanks also to Mr Cernohorsky and Dr Powell for their continued support and co-operation in our activities; and for their generosity in making Museum facilities available for meetings, which are held on the third Thursday of each month. Meetings are notified by a monthly *Newsletter*, which includes items of topical interest, while the quarterly publication, *Poirieria*, continues to be very well received. This is due to the meritorious efforts of the co-editors, Mr and Mrs Norman Gardner, and their willing helpers.

Total membership of the Section is currently about 250, an increase on last year's figures.

It is with deep regret that we record the sudden death early in

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the year of our Librarian, Jock Walker. Mr Walker had been a member of the Executive for nearly twelve years, and during that time had twice held the office of President, while more recently he had undertaken the editing and presentation of our "new look" *Newsletter*. His passing has been a sad blow to all.

The President of the Section is Mr P. Warren, Department of Zoology, University of Auckland, and the Secretary Mrs D. Hole, Titirangi.

T. P. WARREN

## Maritime Section

The Auckland Maritime Society (also Maritime Section), with a current membership of 157, can look back on a reasonably satisfactory year. It is hoped to attract some new members through an article outlining the Society's activities which is scheduled to appear in the journal of the Auckland Automobile Association ("Auto Age") for March, 1971.

Two of the Society's members, Messrs N. A. Maffey and W. A. Laxon, were able to render some assistance and advice in completing the Museum's new map showing coastal shipping routes of the Auckland Province, now on display in the Maritime Hall. Some renovation work on ship models in the Museum was carried out by Mr D. N. Brigham.

Mr Laxon was instrumental in obtaining copies of historic local photographs displayed in the hotel at Puhoi. The copying work was most skilfully carried out by Mr J. Dryden Hall, of Orewa. The photographs include one of an unidentified cutter at Puhoi, dated 1875, one of the steamer *Maori*, built at Napier in 1880, the well-known s.s. *Kapanui* in Northern Company colours, and — stranger in a strange land — an old view of the wharf at Matakohē, on the Kaipara. Two other interesting photographs were kindly donated by Mrs H. Cookson, of Torbay, showing the s.s. *Kapui* and the s.s. *Orewa* berthed at the Wade — now Silverdale. Mr R. E. Hann, of Christchurch, continues to forward selections of old photographs from time to time as donors pass them on to him.

One of the most noteworthy acquisitions of the Society in 1970 was the Auckland Harbour Board's generous donation of their "Arrival and Departure" books, recording shipping movements through the port between 1878 and 1921. Now housed at the Museum, these books and other registers given by the Board should be a most valuable source of information for those engaged in local maritime research.

Two noted members of the Society who passed away during the year were Captain Ray Parker, M.B.E., and Mr A. J. L. Sheat.

Mr C. W. Hawkins has represented the Society on the Committee engaged in the preparation and planning of the exhibition held by the Auckland Harbour Board and the Royal New Zealand Yacht

Squadron to commemorate their joint centenary, and further assistance was rendered by Society members during the exhibition.

At the October meeting, the Society's new Patron, Captain J. Forbes spoke of his early years in the Pacific Islands before World War II, and related some little-known facts about the seamanship and navigation practised by the Polynesians on their inter-island voyages. Two other guest speakers were the Port Chaplain, Canon J. Lawley Brown, who spoke about his early years in Shanghai and other Eastern ports, and Archdeacon Mayo Harris, who was able to give a personal account of the loss of the steamer *Wiltshire* on Great Barrier Island in 1922, as he was Second Officer in the vessel at the time.

A good muster of Society members attended the annual Seafarers' Church Parade at St Mary's in Parnell on Sunday, 15 November, 1970, when the Port Chaplain, Canon J. Lawley Brown, conducted the service.

Ship visits were made to the *Otao*, *Esmeralda* and the *Port Caroline*. Excursions were made to meet the Royal Yacht *Britannia* in March, 1970, to greet the Chilean training ship *Esmeralda* on 15 May, up the Tamaki River on Saturday, 10 October, and the Annual Summer Excursion included a run up the Wade River, followed by a visit to Rakino Island.

At the November meeting the cap badges and other items collected by the Society were handed over to Mr Turbott for the Museum, and members took their leave of Mrs Edna Stephenson who had resigned prior to living overseas. Mrs Stephenson had been an active and popular member of the Society, and most helpful to those doing research through her position on the staff of the Museum. The news of Miss Evans' retirement from the post of Museum Librarian was also received with regret, as she, too, had always given great assistance to members.

Apart from the appointment of Captain J. Forbes as the new Patron, there were no changes in the holders of office in the Society during the year: Chairman, Mr R. M. Watt; Secretary-Treasurer, Mr C. A. Furniss; Committee, Messrs N. A. Maffey, W. A. Laxon, R. A. Carpenter, A. P. Thompson, D. N. Bringham and F. K. Slattery.

R. M. WATT

## Assistant Director and Curator of Applied Arts

This year has been notable for outstanding additions to the collections. Pride of place must go to the Gandharan figure of Buddha. Illustrated in this issue, it was purchased in London for \$6,000 by the Mackelvie Trust. The figure was carved around the second century A.D., and is a fine example of the fusion of Greek art and Indian Buddhism. Second place must go to the collection of 29



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Oriental carpets; this was possible through the anonymous gift of \$3,000 for the purpose. We are greatly indebted to Mr George Wingfield Digby, Curator of Textiles at the Victoria and Albert Museum, who himself selected these carpets, and enabled us to obtain a comprehensive collection of carpets for a very modest sum.

With the income from the Disney Art Trust we have purchased locally some pieces of English Delft and from London a magnificent Chinese Neolithic jar. Also purchased was a collection of pre-Columbian pottery from Nicaragua.

We have had several deposits of material. A collection of English silver from Mr A. V. James, of Tauranga, has enabled us to broaden our coverage of sterling silver from the late 16th to the end of the 19th century. Mr John Macdonald and Mr Leighton Dixon have deposited a collection of English glass of the 18th century. We have removed part of our own collection and for some years will show this fine group.

The Museum's collection of Graeco-Roman storage amphoras has been displayed on the walls of the Logan Campbell Gallery. These have not been on view for many years. Also on display for the first time in this gallery is a Gothic church figure of about the 14th century; the provenance of this figure is still not accurately established. A fine head from the Cloth Hall, Arras, is in the same gallery.

Planning is complete for the new Hall of English Furniture, and a start has been made with this project.

The finance for the construction of this hall has been provided by Mr C. E. Disney (\$7,100) and the hall will appropriately be known as "The Disney Hall of English Furniture". In it will be displayed, as well as furniture, our carpet collection, three 18th century costumes, our clock collection and a collection of pewter.

A television series on the Applied Arts collection was made and shown on the afternoon sessions. The department has sent loan exhibitions of ceramics to Hamilton and Palmerston North galleries.

The annual exhibition of the Auckland Studio Potters was held in the Exhibition Hall and, as usual, was of a very high standard, especially this year in its display and presentation. Examples of their work had been invited from selected potters and these have been given to the Museum. This is a gift from each potter of considerable value and shows the esteem in which they hold the Museum and the support they freely give.

Finally, our appreciation should be recorded of the efforts of our main agent overseas, Mr R. H. Longden, who for so many years has procured for us outstanding works at what always turn out later to be very reasonable prices. It should also be put on record that he accepted no commission on the \$6,000 purchase by the Mackelvie Trust of the Gandharan figure.

T. J. BAYLISS

## Ethnologist

The Ethnology Department has inaugurated a policy of purchasing dated standard collections from modern Pacific communities. These are to provide a standard with which the older collections can be compared. Ideally, the Museum should be able to make such collections in the various islands at fairly regular intervals to study the effects of culture contact, changing economic conditions, increased tourism, change in religious affiliation and many other factors. Finance precludes such ventures. Instead we have been fortunate to be able to obtain the goodwill and co-operation of University of Auckland social anthropologists and linguists making field trips and to be able to persuade them to undertake the extra burden of collecting for the Museum.

Dr. A. H. Hooper during his field trip to the Tokelaus in the beginning of 1970 made a very extensive and well documented collection of contemporary Tokelau culture. This collection of two hundred and eighty items from Fakaafu includes such items as iron fish hooks, with a wide range of basketry and indigenous material. Two half-size canoes were made in Tokelaus, taken apart for transport, then reassembled by Tokelauans living in Auckland. Apart from being a standard dated collection this collection is also the best ever made in the Tokelau Islands. Dr. J. Huntsman, who was with Dr. Hooper, made a collection at the same time from the neighbouring atoll of Atafu to give us a complete range of Tokelauan mats.

Following a report in the press referring to the collection made by Dr Hooper, the Hon. Duncan MacIntyre, Minister of Maori and Island Affairs presented to the Museum a set of 133 photographs, with captions, taken in the Tokelaus during his tour of the islands in 1966, by the National Film Unit. They form a very complete record of Tokelau life, scenes and people at the time. In all they are a fine complement to the ethnographic collection made by Dr. Hooper. We are very grateful to the Hon. Minister for his thoughtfulness in providing and presenting the set.

Mr Graham Jackson has made a collection in the Kaironk Valley of the Highlands in New Guinea. The Kaironk people have only recently changed from using stone axes to steel axes and still have a full range of stone adzes in their possession. Mr Jackson obtained 153 of these and a range of eight shields recently used in warfare. Further additions to this collection are still being made. An important ethnographic collection from the same area was obtained in 1959 by Dr. and Mrs R. Bulmer and Dr. B. Biggs and presented to the Museum; rock sources for adzes were intensively studied at the same time. The specimens collected for this study by P. Chappel are also in the Museum.

Professor Bruce Biggs has collected a dugout canoe, two food bowls, specimens of basketry and a fishing net during his recent

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linguistic research in Futuna (Hoorn Is.). As far as is known this is the first time the rather curious flat bottomed canoes of Futuna have been collected. They are still in general use on the island.

These three modern ethnographic collections have been made through funds from the E. E. Vaile Endowment. Other purchases such as a group of Yoruba bronzes from West Africa, have been made from the Endowment.

The problem of the commercialisation of Maori artifacts has been highlighted by the sale by auction of a number of collections. Generally the prices realised have been much more than the Museum can afford from the E. E. Vaile, T. W. Leys Memorial and other funds for the purchase of objects. The importance of preserving well-localized material cannot be overstated, but the present price structure when these objects are sold by public auction makes such preservation rather difficult.

## *Conservation*

Treatment of the display collections reported last year has proved effective. Periodic checking of items has revealed very little further deterioration in the specimens. Attention has been given to the Maori textiles and the development of techniques to deal with flax fibre weakened by dyeing in swamp mud. So far, no one technique has proved completely effective though the textiles can be strengthened considerably. A fine polyurethane spray appears to offer the best result as many of the items are too weak for immersion or brushing. Mrs Paterson with various voluntary helpers has cleaned and treated many items in the research collections during a major reorganization of storage facilities.

## *Cataloguing*

During the storage reorganization, all items were checked against catalogue data and cross checks made with collection notes. Many of the older items now have localities recorded in the catalogue as well as in the notes. Miss Joan Caughey, as voluntary assistant, has been engaged in completing a card index catalogue arranged according to area and artifact type. This has already proved its worth to visiting scholars.

## *Activities*

The Ethnologist has given a number of lectures (25) and assisted many overseas and local scholars in studying the collections. A script for a T.V. documentary on Te Rauparaha has been prepared and filming of this should start shortly. Discussions with producers have also been a feature. A documentary on "The War in the North" emphasising the strategic innovations of the Maori in 1845-6 has been one direct result.

### *Research*

Field trips were made to Kawhia, Taranaki, Marlborough and the Opotiki area as part of an overall project on the distribution of material culture and field monuments, and the regional variations evident in New Zealand in the eighteenth and nineteenth centuries.

### *Local Culture*

The Department has been able to help, advise and lend material for display by various ethnic groups resident in Auckland other than European: Maori, Cook Islands, Samoan, Niuean, Tongan, Fijian, and to assist in displays by African, Japanese, South East Asian, Melanesian and other groups. Marae and other community projects have been assisted in this way. A direct benefit to the Museum has been the assistance given to the Ethnologist in learning more about cultures, and in the much greater interest and participation of the members of groups in activities at the Museum.

D. R. SIMMONS

## **E. Earle Vaile Archaeologist**

Field work this year has included both site surveys and excavations. Two weeks were spent at Te Pahi, continuing the survey of archaeological sites in the Far North for the Lands and Survey Department. The Te Pahi station itself has now been completely covered and a report is in preparation. Further work is required to complete the survey of the whole area. Brief field trips were also made to the Bay of Islands and Tauranga to inspect sites on behalf of the Lands and Survey Department; and to a number of sites closer to Auckland.

The conservation of archaeological sites continues to be of major importance. In addition to work undertaken for the Lands and Survey Department I have assembled information on sites in various areas for other interested parties, particularly Local Authorities.

Excavations were carried out on Motutapu Island during the summer in conjunction with the University of Auckland Archaeological Society. The excavations were at Station Bay, the scene of previous excavations, but this time the main effort was directed to the prominent headland pa on the edge of the bay, which was found to have a complex history of reoccupation and rebuilding of defences. At the same time Miss Leahy carried out further work on the undefended site previously investigated by her, obtaining additional valuable information on the nature of this small settlement. Analysis of material from the pa, in conjunction with material from the other sites, is continuing. Valuable assistance has been provided by



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Discussion of the preservation of archaeological features of Mt Wellington: (left to right) Mr R. K. Clemow (Engineers' Consultant, Mt Wellington Borough Council), Mr J. E. Fitzgerald (Mt Wellington Borough Engineer), Miss Janet Davidson, Mr J. P. O'Brien (Commissioner of Crown Lands)

*Auckland Star photo*

Miss Brigid Pike, who has helped with analysis of material from the 1969 excavation at Hot Water Beach, and the cleaning and cataloguing of material from Motutapu.

A small excavation was carried out at Kauri Point, Birkenhead (site N42/27) at Easter 1971, in response to a request from the Auckland Harbour Board for further information about the pa there. Again members of the Auckland University Archaeological Society and Museum staff took part.

Dr R. C. Green and I have continued to advise the Takapuna City Council in their improvements to the Reserve at Castor Bay.

I have continued to serve as secretary of the N.Z. Archaeological Association, as a member of the N.Z. Historic Places Trust, and as a Council member of the Polynesian Society. Since Mrs Stephenson left I have represented the Museum on the Ewelme Cottage Management Committee.

As usual during the year I have spoken to a number of different groups in Auckland and elsewhere about archaeology.

In August I attended the 42nd ANZAAS Congress at Port Moresby, contributing a paper to a symposium on Melanesian-West Polynesian relationships. After the Congress I was able to visit

archaeological sites in the Port Moresby area, and then spent two weeks in the Eastern Sepik District, visiting several communities where traditional pottery making industries are still practised.

My principal research activity during the year, apart from field work, has been the preparation of a report on archaeology on Nukuoro Atoll, in the Caroline Islands. Analysis of artifacts and faunal remains from excavations there in 1965 has proved a major undertaking, but is now completed, and the report ready for publication.

JANET M. DAVIDSON

### Colonial Section

This year saw the departure of Mrs Edna Stephenson, who had done so much towards the setting up and development of "Centennial Street" and of the colonial collections. At the same time Miss Wynn-Williams, who had greatly assisted Mrs Stephenson by means of regular voluntary work, was unable to continue.

Attention has been given this year to cleaning and renovation in several displays, and in particular to the cleaning of the facade of the "Street", which, as the result of the great amount of public interest, had begun to show a good deal of grime and dirt. Cataloguing, and the care of the uniform collection, have taken up much time.

The centennial exhibition, "Auckland 1871", occupied much of the time available for some months up to the opening on 21st April, 1971.

The "Street" was used by several press groups as a background for photographs relating to the City Centenary; we also lent items for centennial displays to the Museum of Transport and Technology and to the Auckland Savings Bank.

Amongst accessions, special mention may be made of the gift by Mr G. Witham of a silver tea set, christening mug and associated items, the property of the late Amy Cruikshank, who was the daughter of Robert Graham, of Auckland.

A. McBIRNEY

### Acting Botanist

Additions to the herbarium during the year included a large collection of dried plants from Little Barrier Island presented by Mr R. H. R. Shakespear. The plants were collected, 1899-1902, by Miss F. Shakespear during the curatorship of her father, R. H. Shakespear. Recent collections numbering about 400 specimens, mostly from the Auckland Province and the offshore islands, were given by Miss B. Parris and Mr J. Croxall. Anthony Wright added to the fern collections, and his voluntary help during school holidays

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was much appreciated. Once again we are grateful to Dr. G. R. Cooley of Rensselaerville, New York, for donating 200 dried specimens of his own collecting, also several botanical books.

Routine work in the herbarium continued with the sorting of collections into County folders and printing of new labels for the herbarium boxes. Mrs Hynes processed plants she collected on Whale Island and in the South Island and continued work on the large backlog of mounting and incorporating specimens into the herbarium. The total of numbered specimens in the herbarium, on 1 April 1971, was 128,396.

In continuation of overseas exchanges, parcels of duplicate specimens were sent to Royal Botanic Gardens, Kew; University of Utrecht, Netherlands; University of California; United States National Arboretum, Washington DC; and Arnold Arboretum, Massachusetts. Duplicates were also sent to D.S.I.R., Botany Division, Christchurch in return for their parcel of 110 specimens of *Hebe*.

During the year four botanists from Botany Division visited the herbarium, also Dr. G. Brownlie from University of Canterbury who worked on our fern collections. Overseas visitors were:—Professor Puri, Liverpool University; Dr. and Mrs Correll from Dallas, Texas; Mrs Hortense S. Miller, New York; Miss Lillian Arnold, Florida, and Mrs Jury, Reading University herbarium, ex Kew.

Field work in Northland was continued by Dr. Cooper throughout the year and trips were made to Rarawa Beach, Rangaunu, Reef Point and Herekino. As a result of his report of the presence of rare plants on Reef Point, Ahipara, Dr. Cooper received information from the Commissioner of Crown Lands of a proposed Reef Point Reserve, to include the locality where the rare plants grow. Dr Cooper was also requested to recommend suitable trees for planting in the far North, in particular at Te Paki Coastal Park.

In February, Dr. Cooper delivered the 1971 Banks Lecture, "Early Auckland Gardens" at the conference of the Royal New Zealand Institute of Horticulture. He also prepared a short paper on taro collecting at the request of the Crop Ecology and Genetic Resources Unit, Plant Production and Protection Division, F.A.O., Rome.

Identification of a large collection of fragments of leaf and fibre from archaeological excavations of cave sites in Fiordland led to work on cave material from the Auckland Province held in our Ethnology Department, where I also examined Maori clothing, mats, baskets, cordage etc. In all, I determined 13 fibre-plants used by the Maori, and have written a paper on my findings, illustrated by numerous photographs taken by Mr T. J. Bayliss, for the next volume of the *Museum Records*. I also prepared the text and line drawings for a Museum Leaflet, "*Phormium* or New Zealand flax".



I am indebted to Dr. Cooper for practical training in taxonomy and herbarium care, and have greatly appreciated the opportunities and encouragement he gave me to partake in a variety of botanical work during the last ten years.

JEANNE H. GOULDING

## Entomologist

After several years involving active field work, the past year has been utilised for the sorting, labelling and preservation of collections, and for general office and research work; little collecting has been done.

Mrs J. Gurr has kindly given part-time assistance throughout the year and Mrs A. McBirney assisted part-time for over two months.

Research work has continued on Neuroptera, Trichoptera and Collembola of New Zealand and subantarctic islands, and two papers on the Neuroptera and Trichoptera of the Auckland Islands have been prepared. Previously written papers on Collembola of Antarctica and the subantarctic South Georgia and Heard Islands were published, while an introductory paper to a further monograph on subantarctic entomology has been written in co-authorship with Dr J. L. Gressitt of Bernice P. Bishop Museum, Honolulu.

The Butterfly Dispersal Project has been continued with the tagging of Monarch butterflies. In addition to butterflies tagged in 1970, 1050 tags were issued to co-operators in the January-March, 1971, period and, of these, over 150 recoveries have been made. It is to be hoped that the gradual accumulation of information from the release and recovery of tagged Monarchs will eventually provide a picture of the butterfly movements between the isolated overwintering colonies or solitary individuals and the summer New Zealand-wide dispersal.

Monthly insect evenings for enthusiasts and students have continued throughout the year. The last evening for 1970, in December, was well attended, the feature of the evening being a sound-colour slide series on the "Life of the Monarch Butterfly" by Mr R. S. Lediard of Auckland.

At the Annual Conference of the Entomological Society of New Zealand in Nelson in May, 1970, I spoke on the role of "The Museums" in a symposium entitled "A review of entomological research in New Zealand".

Lectures were given during the year to Junior Naturalists at Auckland and Warkworth, Royal Forest and Bird Society North Shore Branch, Royal Society of New Zealand Waikato Branch at Hamilton, Rotary Club Papakura Branch, University of Auckland Field Club and a University Extension course.

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A Museum leaflet on wasps was written and has been produced with figures of the insects concerned in colour. Another leaflet with colour figures is being prepared, the necessary colour photographs having already been taken by Mr S. A. Rumsey, of Auckland, who also took the wasp photos.

Editorial work has involved the production of Bulletin No. 8 and an identification guide to certain sea-birds, while Volume 8 of the Records is in preparation.

K. A. J. WISE

## Malacologist

The Department has continued to provide service to the public through identifications of molluscs, advice on collecting techniques and other aspects of malacology. Molluscan assistance was extended to collectors in 11 countries, and material for classification was received from the Department of Agriculture, Stock & Fisheries, Wellington, Auckland University, the West Australian Museum, the Oceanographic Institute of Rio Grande, Brazil, and the University of California, Santa Barbara.

Molluscs collected by the 1970 Cook Bicentenary Expedition to the Cook Islands were submitted to our Department for sorting and classification. A report on the molluscan lagoon fauna of the Cook Islands was completed and submitted to the Marine Biological Association of the United Kingdom. Part of the Cook Islands collection was retained by us and the remainder has been deposited with the Dominion Museum, Wellington.

During the month of September, 1970, a field-trip lasting four weeks was made to the New Hebrides on the invitation of the Vila Cultural Centre. Intertidal molluscan ecology was studied on the islands of Efate and Malekula, and 524 lots of molluscs comprising 1900 specimens were collected during field work. "Crown of Thorns" starfish infestation was investigated on the two main islands, and from the small number of specimens seen it is evident that the New Hebrides are still free from *Acanthaster planci* which has appeared in devastating numbers in other Pacific localities. During my stay in the New Hebrides, a lecture was given to the members of the New Hebridean Malacological Society.

Visitors to the Department were Dr.'s P. Luckens and E. Dawson, N.Z. Oceanographic Institute, Wellington, Dr. P. Dinamani, Research Division of the Marine Department, Wellington, Dr. R. Turner, Museum of Comparative Zoology, Harvard, Dr R. Brandt, Thailand, and Miss J. Hum, University of New South Wales, who examined collections in their respective specialized fields.

The Department has continued to provide quarters for the Museum's Conchology Section for their monthly meetings. Our molluscan collections have been enriched by material gathered in the

Cook Islands and the New Hebrides and through a donation of a small collection from the Department of Fisheries, Lyttelton.

Research during the year dealt with the family Naticidae in the Fiji Islands, fossil and Recent Cypraea of New Zealand, Indo-Pacific Pisaninae and related buccinid genera and descriptions of new species from New Britain and Taiwan. Papers on these subjects have been completed and await publication in the Records. During the year, the monograph "Systematics of the families Mitridae and Volutomitridae" was published in Bulletin No. 8 of the Auckland Institute & Museum. Current research is devoted to a book on Pacific marine molluscs, the taxonomy of the family Muricidae and a monograph on world-wide Mitridae for "Indo-Pacific Mollusca".

W. O. CERNOHORSKY

### Research Associate in Mollusca

Current research is concerned largely with the production of an extensive manuscript on the Patellid limpets of the world for "Indo-Pacific Mollusca", now published by the Delaware Museum of Natural History, Greenville, U.S.A. This manuscript, of over 250 typed pages, is almost completed and work is now concentrated upon the production of 80 plates of which 35 are finished.

Other projects that have been kept jogging along are —

- (a) "The subfamily Clavinae of the family Turridae", also for "Indo-Pacific Mollusca", of which over 600 pages and 150 plates are completed.
- (b) A new "Manual of the New Zealand Mollusca", the manuscript of which now exceeds 700 typed pages and covers 1,425 species.
- (c) "New Zealand Molluscan Systematics", Part 7, which is in the editor's hands for publication in the next issue of our "Museum Records".
- (d) "Land snail populations and distributional patterns in Northland", which is continuing with the aid of a Nuffield Research Grant.
- (e) "Turrids of Hawaii", jointly for the United States National Museum and the Bishop Museum, Honolulu.
- (f) "Turrids of the John Murray Indian Ocean Expedition", for the British Museum (Natural History).
- (g) "New Zealand deep-water Turridae", for the Oceanographic Institute, D.S.I.R., Wellington.

In addition, work is proceeding, from time to time, with the tedious task of micro-sorting a back-log of hundreds of New Zealand deep-water dredging samples, some dating back to 1915. From this source many new records and some new species are coming to light.

Three lectures were given during the year, two to the Conchology Section and one to the East Coast Bays Lions Club.

Accommodation, entertainment, or assistance with their respective researches was given to five visiting malacologists—Mr John Du Pont, Delaware Museum of Natural History; Dr Ruth Turner, Museum of Comparative Zoology, Harvard University; Mrs Ruth Ostheimer, associate of the Academy of Natural Sciences of Philadelphia; Dr R. A. M. Brandt, Senckenburg Museum, Frankfurt; and Dr E. Dawson, Oceanographic Institute, Wellington. Dr Turner's research is concerned with world-wide problems of *Teredo*, or ship-worm infestation, and Dr Brandt's with the medical importance of certain fresh-water shellfish in the spread of tropical diseases.

Whilst delving into our "Annual Reports" recently I discovered that I have been a member of the Auckland Institute and Museum continuously for over 50 years, having been elected on May 28th, 1920.

A. W. B. POWELL

### Marine Biologist

In June last year Mr J. M. Moreland, Ichthyologist at the Dominion Museum, examined the range of our fish material, and later generously supplemented many species gaps with specimens from the Dominion Museum collection. Other valuable additions in fishes have come from Marine Department scientists, Mr A. Coakley who has collected material from trawls off the East coast of the South Island, and Mr P. Roberts (species of tuna). The organizers of "Marine Expo 70", through divers from the University of Auckland, gave us much of the material collected for the display.

As a result of the enlarging of the wet collections of fishes, a considerable increase in the storage shelving area has been needed this year. A plastic heat-sealer has been useful, especially in making legible specimen labels for bulk collections, which will withstand handling and are non-corrosive.

A two-panel display on some aspects of coastal intertidal ecology, showing respectively a mud flat and a rocky shore, was prepared with the assistance of Mrs Brookes and Miss Bertrand. This work involved the collection and preservation of common organisms, the material being shown against a diagrammatic background to indicate some ecological relationships.

As a member of a joint committee, I participated in the planning of the exhibition "Maritime 100" which was staged as part of the Auckland Harbour Board and Royal New Zealand Yacht Squadron centennial celebrations, during February and March. A small display showing aspects of Dr. Powell's harbour survey, some Maori fishing gear, and the development of whaling implements, was contributed to the Exhibition. The Museum also allowed the use of the Winklemann maritime photographs to illustrate several of the displays.

Following the departure of Mrs E. M. Stephenson, the Maritime



collections have been included in my curatorial duties. It has been a primary objective to organise material not on display into a suitable storage area, and to begin conservation on material requiring more urgent attention. Some alterations to the Maritime displays have been made to allow the introduction of further items, or lend greater emphasis to material; such an installation is a separate display of early Auckland schooners and scows.

Research on fish systematics has continued and a paper on new fish records, incorporating material from Dominion Museum collections to show distribution patterns, has been presented for publication.

A. B. STEPHENSON

### Librarian

During the year the Library acquired many important items by both donation and purchase and I am pleased to be able to mention a few of these: a most significant acquisition was 40 paintings and drawings by Charles Heaphy which came from Dr R. T. Marshall. The Library now has 83 original works by Heaphy as well as 9 of his sketch-books; the letters and journals of the Rev. T. S. Grace were presented by Mr A. F. Grace; Mr John Seabrook presented a volume of plates to Cook's Third Voyage; a collection of original typescripts containing historical information was presented by Miss I. F. Smytheman; Air Commodore K. L. Caldwell presented a collection of World War I aviation books; among several items deposited was the journal of James Shepherd, missionary at Oihi (Rangihoua) from 1820-1826. The journal has been placed on deposit by Mrs H. Hendriksen and Mrs B. Pope.

The considerable increase in the number of reference enquiries has been particularly noticeable in the use made of the New Zealand Room. Mrs Arthur reports that over 450 newspapers were requested and 3844 people used the New Zealand Room, out of a total of 6812 Library users. Many of these were students undertaking historical research for theses. Mention should also be made of 480 Teachers' College students who worked on special study topics during the year.

A total of 6112 books were borrowed by members and 2765 of these were from the New Zealand Room. Loans to other libraries totalled 533. Many items can only be used in the Library and during the year a total of 1135 books, manuscripts and pictures were issued from the Reserve rooms. 1054 books were catalogued but it was possible only to list many other items received.

The Library continues to receive many interesting and valuable publications on an exchange basis and we exchange with over 300 institutions in New Zealand and overseas.

The answering of genealogical inquiries has been assisted greatly by the work of Mr Peter Hunter, President of the New Zealand Genealogical Society, who has indexed the deaths and marriages



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in many of our early newspapers. I am also grateful to several people who have assisted in a voluntary capacity: Mrs D. Beavis, Miss J. Caughey and Rev. Dr A. B. Catley.

A notable achievement has been the sorting and listing of the papers of Henry and William Williams and their families. Mrs Audrey Spear has compiled an 80-page inventory listing over 1,000 letters and documents held in the Library. I would also like to mention Rev. L. M. Rogers who has indexed many transcripts of the papers of Henry Williams.

There has been a rapid increase in the number of requests for visual material from both the Picture and Photograph collections and copies of 1590 photographs from the collection were ordered. All staff members were involved in the location of material for several films and displays marking the City of Auckland Centennial. Mrs Mogford reports that 1212 new prints and 410 negatives were added to the Photograph collection, but as there were over 200 photographic enquiries, little time was available for full indexing. Two displays were arranged using items from the Photograph collection. The subjects were Early Parnell and Conservation Week.

In addition to the above-named donors I would like to acknowledge donations from the following: Sir Gilbert Archey, Auckland Hospital Auxiliary, Auckland Maritime Society, Heraldry Society, Lt.-Colonel A. R. Hughes, Archbishop Liston, Rev. R. H. McKenzie, Rt Rev. G. R. Monteith, New Zealand Dental Association, New Zealand R.S.A., Lt.-Commander J. F. A. O'Neill, Dr. Mary S. Palmer, Estate of the late Miss E. M. Peacocke, Dr. G. A. Wood, Messrs A. J. Beckham, T. F. Bovaird, E. C. Burge, D. A. Caldwell, A. Cates, N. Clayton, E. Craig, J. Diamond, R. M. Douglas, G. C. Dunstall, C. R. Ford, G. M. Fowlds, E. O. Fox, H. Frimmel, C. E. Galbraith, A. Goldie, G. H. D. Grant, A. H. Hicks, N. O. Hows, A. M. Ihle, J. R. Jackson, T. Kissling, J. J. Schell Lannoy, A. La Roche, P. A. Lawlor, J. R. Lee, A. Lush, T. McKnight, N. Maffey, A. D. Mead, A. Nixon, W. R. S. Owen, C. J. Parr, A. Pawley, B. Pitman, E. T. Roberts, R. V. Roberts, M. Ross, R. A. Scobie, R. H. R. Shakespear, A. J. L. Sheat, D. Simmons, R. H. Smith, J. Stacpoole, V. Titchener, A. E. Tonson, E. G. Turbott, T. C. Ward, C. F. J. Warden, D. White, R. S. Wright, R. D. Wylie, Mesdames H. M. Amos, J. Binney, E. K. Cable, E. Catterall, M. I. Cleland, H. Ferguson, F. L. Frost, H. J. Gaudin, J. Gurr, V. Haszard, D. B. Howarth, E. M. Logan, Macaulay-Smith, T. P. McCormack, W. Macdonald, B. W. Nohinohi, E. M. Roberts, R. M. Ross, C. M. Segedin, N. Sharpe, M. V. Smith, M. Tahiwai, M. A. Watkins, Watson, J. Wilson, Misses E. Booth, D. Butler, E. M. Cozens, E. L. Cozens, Dunsmuir, J. Goulding, E. Gow, O. Johnson, Kerr-Taylor, M. McFarland, E. A. Oliver, G. Osmond, M. Ralph, J. Rattray, Joan Rattray, H. Small, E. M. Wilson, T. B. Wilson.

I. G. THWAITES

### Extension Service

During the year, new locations for extension service displays were opened at Tirau (in the Matamata County Council office), at Putaruru (in the new library) and at Rotorua Museum, where space has been made for two displays. New displays prepared by Mrs Brookes and myself during the year were "Not What it Seems", a display of geological oddities most of which had been sent to the Museum for identification; "Maori Fashions", which shows that ornaments, fish hooks, and adzes had undergone many changes in the period before European contact; "*Asplenium*", a selection of ferns belonging to this genus; and "Erosion", which shows the main causes of erosion and the results of bad conservation practices. We now have 54 panels on display throughout the provincial area, and at least eight centres have two or more. Quite a few centres are asking for specific displays to be returned to them for special occasions. These last two facts, coupled with the tendency for many of the older displays to come to pieces during transit, underline the need for an extension service vehicle which would transport more than three displays at one time. The lack of space in the present vehicle also makes the movement of special exhibitions, such as "Early Auckland Illustrated", very difficult.

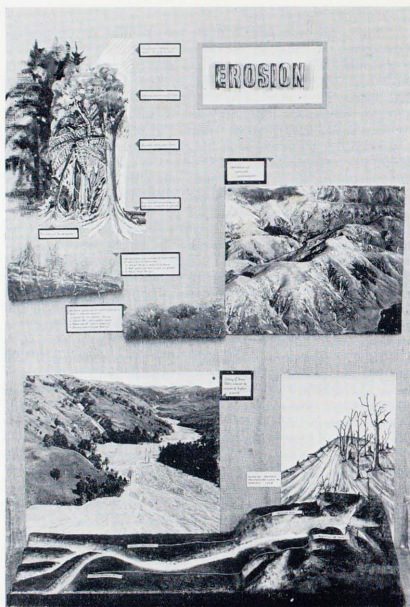
Exhibitions requiring attention during the year include a conservation display lent by Katikati High School, prepared jointly by the school and Bay of Plenty Catchment Commission, the usual popular School Science Exhibition organised by the Post Primary Science Teachers' Association (August) and an exhibition of prints from the Annual Salon of the Auckland Photographic Society.

With the opening of the Auditorium the Sunday Afternoon Lecture Series has been discontinued and those on the mailing list were invited to attend the Monday evening Institute lectures. Since the Institute lectures have been advertised in the press, there has been a noticeable addition of non-members to the audience at each lecture. Although bookings of the Auditorium by outside groups could hardly yet be described as heavy, the amount of time occupied in making arrangements for these bookings is considerable.

The Extended Studies classes for children in standards five and six were again held after school hours on weekdays, and the children were introduced to many aspects of Museum work by Mr Cadman and myself. Selected films on topics related to Museum exhibits were screened during the August holiday period with moderate success, some 500 people seeing the films in the course of the five days' screening.

Special exhibitions were set up and taken to Ngatea A & P Show, and to Dargaville for a Christmas Festival of the Arts. New popular publications during the year requiring editorial work were: Hall of Man Booklet, Leaflet No. 13 Wasps, Hotunui, Te Toki a Tapiri, and a reprint of the Guide to the Museum.

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New Extension Service display on "Erosion": part of the system of displays circulated amongst provincial centres

*Vahry photo*

A new development during this year's tourist season is the introduction of "Intrav Tours" in which chartered aircraft bring in tourists in groups of 150 at intervals of three or four days. These large numbers arriving at the Museum over a period of thirty minutes, all asking for an introductory talk before viewing the exhibits, have made much reorganisation necessary in our approach

to this section of the work; equally large groups are also tending to arrive from cruise ships with increasing frequency.

J. H. WADHAM

### Planetarium Lecturer

Attendances during the year remained at the usual level with a total of 14,003 visitors. Toward the end of the school year and early in the present year the impact of a new book on science for secondary scholars brought large attendances—about one-third of the total attendances. During Education Week the Lecturer was invited to speak to two classes at the Otahuhu Intermediate School on the topic "This is My Work", which ended with two lectures instead of one, and five classes instead of two. The Lecturer visited Wellington to attend the jubilee celebrations of the Royal New Zealand Astronomical Society and was able to supply a number of exhibits in the Carter Observatory display concerning the growth of New Zealand astronomy in the past 60 years. On three occasions during the year navigators of Pacific aircraft came to the planetarium to study the stars at take-off, and the changing aspect of the sky as they flew northward.

R. A. McINTOSH

### School Service

Summary of attendances for one-hour lessons: Primary, 40,985;

Intermediate, 6,635; Secondary, 5,414; Total, 53,034

Student Teachers on Section: Primary, 28; Total, 28.

Numbers in visiting Student-Teacher classes: 521

Schools regularly receiving loan material: City, 75; Provincial, 397; Total, 472.

Changes in respect to either staffing, displays, or accommodation mean readjustments and this year has been concerned with all three. Miss Leahy, replacing Mr van der Meijden who left at the end of last year, could not join the staff until May. A new pattern of student-teacher participation has still to be established. The general organisation of the display material in the new Hall of Man, involving as it does a change in character from the previous extensive layout to an intensive treatment, demands a new teaching approach. As yet the new visual aids room has still to be made thoroughly effective. For all teaching members of the staff, this has been a period of experimentation and adaptation.

More could have been accomplished had this department an adequate clerical organization. At an immediate level, it would have released teaching staff to concentrate on more pressing professional duties. Further, it would have enabled the supply of prepared teaching material to be freely available to visiting classes. Without these activity teaching sheets, it is impossible to cope satisfactorily with the huge school population, or for that matter with the large museum

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complex. We are grateful to the Auckland Education Board for assisting with the duplicating—but that does not solve the basic problem.

The lower attendances (11,000 less) reflect all these difficulties.

Increasing numbers of exploratory visits by secondary school teachers and training college lecturers indicate a heightened interest in the Museum as a support to the requirements in new syllabuses. Notably so is this in the upper forms. Considerable help has been given to teachers in schools which are promoting programs of multi-racial relations. Despite all this co-operation with the secondary schools, it was impossible to mount the customary courses on social studies for Forms III and IV, owing to the internal difficulties. Numerous inquiries from far and near indicated the significance of this course to teachers. For various topics, secondary schools travelled for one-day visits from as far away as Tauranga, Putaruru and Hamilton. The potential in the post-primary field is tremendous.

International Education Week was celebrated in conjunction with the Education Department, with a display at the Building Centre illustrating the various activities of this section. Credit is due to Mrs Brookes of the Museum staff and Mr McCaw for producing such an attractive exhibit. Predominantly it portrayed the loan service to provincial schools.

Considerable attention has been given to the organization of the loan service. Lack of clerical assistance does not permit the administrative machinery to function completely, which would automatically clear most circulation problems due to changing schools and head teachers. It is a case of either take the risk of these problems, or cut down on the number of schools which can enjoy the service.

R. A. SCOBIE

## Astronomical Section

The membership of the Auckland Astronomical Society (also Astronomical Section of the Institute) stands at 274, an increase over the year of 100. Monthly general meetings, held on the first Wednesday of the month, have been well attended. Well presented lectures and displays have been offered to an ever increasing interested membership. Some 12,000 visitors have visited the observatory during the year to attend classes and public nights.

Research in the field of variable stars has reached a very high level of competence.

A growing awareness of the services we are offering to groups such as schools, service organisations, Scouts and the general public is now showing rewarding results.

The new officers for the coming year are as follows: President, Mr S. W. Walker; Vice-president, Mr A. Goodfellow; Secretary, Mrs P. Dale; Treasurer, Miss Goldsworthy.

A. S. PARTRIDGE



## Staff Publications

April 1970 to March 1971

### Scientific

- CERNOHORSKY, W. O.  
1970 Comments on the proposed ruling on works on New Zealand Mollusca by R. S. Allan and H. J. Finlay. *Z.N. (S.)* 1868. *Bull. zool. Nomencl.* 26:184-185.  
1970 *Drupella* Thiele, 1925 (Mollusca, Gastropoda): proposed designation of a type-species under the plenary powers. *Z.N. (S.)* 1891. *Bull. zool. Nomencl.* 25:233-234.  
1970 Systematics of the families Mitridae and Volutomitridae (Mollusca: Gastropoda). *Bull. Auckland Inst. Mus. No.* 8:1-190.
- DAVIDSON, JANET M.  
1970 Polynesian outliers and the problem of cultural replacement in small populations. *Pacific Anthropological Records* 11: 61-72.
- SIMMONS, D. R. and B. G. BIGGS  
1970 Sources of "The Lore of the Whare Wananga". *J. Polynes. Soc.* 79(1): 22-42.
- STEPHENSON, A. B.  
1971 Reproduction, age and growth of the garfish *Reporhamphus ihi* (Phillipps). M.Sc. thesis, University of Auckland.
- WISE, K. A. J.  
1970 Collembola of South Georgia. *Pacific Ins. Monogr.* 23:183-208.  
1970 Collembola of Heard Island. *Pacific Ins. Monogr.* 23: 209-215.  
1971 Collembola of Antarctica. *Pacific Ins. Monogr.* 25: 57-74.
- WISE, K. A. J. and J. SHOUP  
1971 Entomological investigations in Antarctica, 1964-65 season. *Pacific Ins. Monogr.* 25: 27-56.

### General

- BAYLISS, T. J.  
1970 An introduction to Asian ceramics in the Hall of Asian Art. Auckland War Memorial Museum Guide.  
1970 Guide folder to the glass collection. Auckland War Memorial Museum Guide.
- EVANS, ENID A.  
1970 The Selwyn papers. *J. Pacific Hist.* 5:153-157.
- SIMMONS, D. R.  
1970 Guide folder to Hotunui carved meeting house of the Ngati Maru tribes of Thames. Auckland War Memorial Museum Guide.  
1970 Guide folder to the war canoe Te Toki a Tapiri, Tapiri's battleaxe. Auckland War Memorial Museum Guide.  
1970 Hall of Man. Auckland War Memorial Museum Booklet (1) 2.
- STEPHENSON, EDNA M.  
1971 Centennial Street. Auckland War Memorial Museum Guide.
- WISE, K. A. J.  
1970 Common New Zealand Insects: Wasps. Auckland War Memorial Museum Leaflet No. 13.

List of Benefactions  
made to the  
**Auckland Institute and Museum**  
of an amount (or value) exceeding \$100 (£50).

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.  
1878 Mr. J. C. Firth donated £106 for show cases.  
1884 Mr. Edw. Costley bequeathed £12,150.  
1887 Mr. David Nathan bequeathed £100.  
1897 Mr. T. Russell donated £100 for geological specimens.  
1901 Auckland Citizens subscribed £1,000 for Mair Collection.  
1902 Mr. E. A. Mackechnie bequeathed £2,500.  
1906 Auckland Citizens subscribed £662 for carved houses.  
1911 Auckland Citizens subscribed £684 for ancient carvings.  
1913 Sir John Logan Campbell bequeathed £1,000.  
1921 Institute Members subscribed £115 for Temple Bronzes.  
1923 Sir Wm. H. Herries bequeathed £1,000.  
1924 Citizens subscribed £698 for Maori collections.  
1925 Institute Members subscribed £100 for Maori collection.  
1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000.  
1927 Mr. F. Shaw bequeathed £1,000.  
1929 Mr. S. J. Ambury bequeathed £250.  
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.  
1940 Mr. Maurice Harding bequeathed £500.  
1941 Mr. Ormsby Gore Adams bequeathed £100.  
1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.  
1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.  
Mr. R. C. Horton gave £200 towards extending the mineral collection.  
Sir Albert and Lady Ellis gave £150 for Library book-cases.  
£428 received on account of a bequest by Mr. C. V. Houghton.  
Mitchelson Prize Fund increased to £100.  
1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography.  
Auckland Savings Bank gave £500 for improvements to Exhibition Halls.  
Auckland Electric Power Board gave £100.  
Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.  
Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500 for purchase of ethnographical specimens.  
1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.

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- 1947 Auckland Savings Bank Centennial Gift of £5,000.  
Mr. A. V. Hanson bequest of approximately £2,000.
- 1948 Mr. E. P. Mitchelson, bequest of £1,000.
- 1950 Mrs. Sarah Ann Powley, bequest of £171.  
Sir Cecil Leys bequeathed £1,000.
- 1951 Mrs. Bertha Wilson gave £1,000 endowment for photography.
- 1952 Mr. James C. Entrican: Bequest of £1,000 for numismatics.
- 1954 Captain G. A. Humphreys-Davies: Bequest of £500.  
Sir Albert Ellis, C.M.G.: Bequest of £100.
- 1956 Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500.  
Sir William Goodfellow: £100 for early English ceramics.  
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
- 1960 Auckland Savings Bank gave £500 to furnish the Cheeseman Herbarium.  
A Member gave £75 towards furnishing the Herbarium.  
Mr. W. B. Dixon Stroud gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.  
£1000 received from an Institute Member to extend popular science publications.
- 1961 Sir William Goodfellow: £250 towards purchase of van; £150 for purchase of porcelain.  
Mr. L. J. Ayre: bequeathed £852.  
Auckland Savings Bank gave £600 for equipping the children's hobbies room.  
Mr. H. J. Atkinson: bequeathed £685.  
Dr. J. A. Clinch: bequeathed £500.  
Anonymous: £500 for the memorial halls.  
Miss E. L. Hellaby: £100 for the memorial halls.  
Institute Member: £200 for exhibition halls.  
Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.
- 1962 Mr. H. D. Buddle: bequeathed £1,000 and many books.  
Sir John Logan Campbell Trust: £2,400 grant for display hall.  
Miss E. L. Hellaby: £100 for memorial halls.  
Mr. John Seabrook: £250 for micro-film reader.  
Mr. W. B. Dixon Stroud: \$6,000 for Dr. Powell's molluscan research.
- 1963 Messrs. E. A. Astley and Sons: £100.  
Miss C. A. Atkinson: bequeathed £53/14/2.  
Auckland Savings Bank: £5,000 for new exhibition halls.  
Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology.  
Sir William Goodfellow: £100.  
Miss E. L. Hellaby: £100 for memorial halls.
- 1964 Miss E. L. Hellaby: donation of £100.  
Miss Josephine McClymont: donation of £200.  
Sir John Logan Campbell Trust: £2,500 for exhibition hall.  
Auckland Savings Bank: £2,000; administrative area, finishing.  
Auckland Lions' Club: £116 for display case.
- 1965 Auckland Savings Bank: £2,000 for Maritime Hall.  
Mr W. H. Cocker, C.M.G.: bequeathed £100 for show-case to house collection of sake bottles and snuff bottles.  
Miss E. L. Hellaby: donation of £100.  
Mr S. Klippel: bequeathed £250.

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- Mr J. A. Stacey: donation of £100.  
Mr W. B. Dixon Stroud: \$4,000 for Dr. Powell's molluscan research.
- 1966 Auckland Maritime Society: £200 towards purchase of Lloyd's Register of Shipping.  
Auckland Savings Bank: £2,000 for exhibition halls.  
Sir John Logan Campbell Trust: £2,000 for lighting in exhibition halls.  
Mrs E. E. Fraser: bequeathed £2,619.  
Miss E. L. Hellaby: donation of £100.  
Mr C. V. Houghton residuary estate: £627.  
£200 received on account of a bequest by Mr W. T. King.  
Mrs J. McLennan: bequeathed £1,000 as an endowment for visual aids equipment for school service.
- 1967 Auckland Savings Bank: £1,000 for entomological cabinets and equipment.  
Sir John Logan Campbell Trust: £1,050 to commission portrait of Sir Winston Churchill by Edward Halliday.  
Miss E. L. Donald: bequeathed £500.  
Miss E. L. Hellaby: donation of £100.  
Mr W. T. King: £955 as residue of bequest.  
Mr C. E. Disney: established the Disney Art Trust of £54,483, to enable Dominion Museum, Wellington, and this Museum to obtain Applied Arts material (particularly Oriental and European Applied Arts).  
Milne and Choyce Ltd.: The installation "Centennial Street", on the occasion of the firm's centenary; capital cost £8,300.
- 1968 Auckland Savings Bank: \$4,000 for Library furnishings, exhibition hall lighting and numismatic displays.
- 1969 Dr Grace de Courcy: bequeathed \$1,000.  
Mr H. K. McLeod: bequeathed \$1,000.
- 1970 Sir John Logan Campbell Trust: \$2,000 to assist with the installation of Hall of New Zealand Birds.  
Auckland Savings Bank: \$1,000 to provide equipment for the Marine Biology Department and for lighting in entomological displays.  
Mrs M. Brien: bequeathed \$200.  
Mr J. A. B. Hellaby: bequeathed \$2,000.  
Miss I. T. Stennett: bequeathed \$2,007.  
Mr N. R. W. Thomas: bequeathed \$200.
- 1971 Sir John Logan Campbell Trust: \$4000 towards Hall of New Zealand Birds.  
Auckland Savings Bank: \$1000 towards Hall of New Zealand Birds.  
Mrs M. J. Clare: bequeathed \$500.  
Mrs M. Hemingway: donation of \$200 for entomological collection maintenance.

## SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.  
1877 Mr. G. F. Edmonston: 564 volumes of scientific works.  
1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.  
1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.  
1887 Mr. C. O. Davis: Valuable Maori collection.

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- 1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
- 1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
- 1916 Mr. Henry Shaw: Collection of Japanese art.
- 1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection
- 1919 The Misses Yates: Collection of Indian weapons.
- 1920 Mr. James Dunning: Collection of North American Mammals
- 1921 Mr. W. A. Aldred: Valuable collection of Maori specimens.  
Hon. J. B. Turner: Important Fijian ethnographical collection.
- 1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.
- 1924 Mr. Wm. Sutherland: Melanesian ethnographical collection.  
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.  
Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits.
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities.  
Mr. H. R. Butcher: Collection of British coins.  
Mrs. E. M. Ball: The Thos. Ball Zoological collection.  
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens  
Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings.  
Mr. Moss Davis: Valuable ethnographical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.  
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.  
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.  
Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.  
Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.  
Mr. W. R. McGregor: New Ireland carved memorial figures.  
Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.  
Rev. W. H. Webster: Large collection of mollusca.  
Mr. C. E. Clarke: Large collection of N.Z. Insects.  
Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.  
Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.



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- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
- Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
- Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost.
- The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.
- 1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
- Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
- Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway:

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- The late Mr. Hemingway's display and cabinet collections of insects. **Colonel the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs. B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr. E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr. J. C. Entrican:** Large collection of Eastern Polynesian stone implements.
- 1945 **Mr. W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr. E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
- Mr. Jas. C. Entrican:** Gave his extensive collection of medals and coins and library of books on Numismatics.
- Mr. Geo. Finn:** Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
- Lieutenant A. G. Carnahan, R.N.R.:** Presented Viscount Jellicoe's racing 14-footer "Iron Duke."
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr. and Mrs. J. Yock:** Old English sterling silver salver.
- 1950 **Mrs. J. P. Campbell:** Eighteenth century inlaid sideboard.  
**Mr. Wm. Goodfellow:** Delft vase and other early ceramics.  
**Mr. V. J. Larner:** Early china and delft vase.
- 1951 **Mrs. Goldie:** Twenty portraits of Maoris by the late Mr. C. F. Goldie.  
**Rev. Harry Johnson:** Extensive collection of native arts and crafts from Tanganyika.  
**Rev. Charles Palmer:** Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.  
**Mr. W. J. Crowther:** Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr. E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.  
**Sir Frank Mappin:** Eighteenth century silver and Sheffield plate.  
**New Zealand Insurance Company:** Suite of large cabinets and library furniture.  
**Mr. William Goodfellow:** Three Maori portraits by Lindauer.  
**Sir Carrick Robertson:** Collection of Zulu ornaments.  
**Lieut.-Commander J. F. A. O'Neill, D.S.C.:** Ethnographical collection from Tikopia.  
**Miss W. S. Dudley and Miss Jean Robertson:** Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
- 1954 **Mrs. Robert Cooper:** Collection of botanical books and book-cases.  
**Sir Frank Mappin:** William and Mary walnut cabinet and early seventeenth century chairs.  
**Mrs. P. Sklenars:** Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.

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- 1955 **Dr. J. A. Clinch:** English silver and Sheffield plate.  
**Sir Ernest and Lady Davis:** Portrait of Sir Edmund Hillary, K.B.E.  
**Mrs. A. M. Ferguson, O.B.E.:** Maori and Oceanic ethnographical collection.  
**Mr. C. Roose:** Set of 2000 charts of the Pacific.  
**Mr. G. J. H. Ovenden:** Full set of publications of Palestine Exploration Fund.  
**Wellcome Museum Trustees:** extensive selection of ethnological specimens.
- 1956 **Miss E. Blumhardt:** Large set of her paintings of native flowers.  
**The Misses C. M. and I. F. Stewart:** Collection of Maori greenstone ornaments and weapons.  
**Sir Ernest Davis:** Portrait of H.M. the Queen.  
**Mr. John Pybus:** Five moa skeletons from Waitomo district.
- 1958 **Rev. Canon Hubert Jones:** Sets of English West-County history.
- 1959 **Mrs. R. Rose:** English Sheraton Cabinet and Japanese lacquer and inlay cabinet.  
**Dr. Marjorie Young:** Collection of ethnographical specimens from New Guinea highlands.  
**Sir Frank Mappin:** English eighteenth century mahogany bureau-secretaire.
- 1960 **Farmers Trading Company's Jubilee gift of a Spitz Planetarium** with full range of accessories, the planetarium building and furnishings.  
**Sir Ernest Davis:** Portrait of Lord Freyberg.  
**Sir Frank Mappin:** Two oil paintings for council room and exhibition hall.  
**Mr. L. J. Ayre:** Extensive philatelic collection and a monetary bequest.  
**Miss Lina V. Bruce:** 18th century north country spinning wheel.  
**Mrs. Susan Payne:** library cabinets, philatelic and ethnographical collections.
- 1961 **Mr. Leo White:** Series of coloured wall display photographs of Auckland.  
**Auckland Citizen:** Portrait of His Excellency the Governor-General.  
**Northern Steamship Company:** Builder's model of "Whakare" and "Manaia".  
**Union Steamship Company:** Builder's model of "Ormonde".
- 1962 **Mrs. Blanche Halcombe:** books, collections of native birds and thnological articles.  
**Sir Ernest Davis:** large model sailing ship.  
**Mrs. E. E. Goodhue:** collection of Northland greenstone ornaments.  
**Miss M. F. Hoole:** bequeathed a Sheraton sofa table.  
**Dr. and Mrs. J. L. Newman:** large Chinese silk and gold embroidery.  
**The Countess of Orford:** Water colour drawing of Auckland by J. C. Hoyte.  
**Mrs. G. R. S. Fisher:** Notable examples of early English-Continental lace
- 1963 **Sir John Logan Campbell Trust:** Library furnishings.  
**Mr. W. Kingsley:** collection of books on Naval history.  
**Mr. E. F. Hilton:** large collection of shells including rare species; Northern Australia and Tropical Pacific.

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- 1964 Miss J. Winifred Shaw: Chinese lacquered work-table.  
Sir James Gunson: silver model of first War Memorial building.  
Mr. L. Alfred Eady: early Collard piano.  
Mr. Peter A. N. Nathan: Chinese carved screen.  
Mr. Lacy K. Neilson: Maori carved pataka base.  
Mr. A. D. W. Walcott: Merlin air engine.  
New Zealand Insurance Company: Board-room tables, chairs and book-cases.  
Mr. C. W. Hawkins: Models of Auckland sailing ships.  
Mr. N. R. W. Thomas: Set of book-shelves.  
Mr. C. A. Gordon: Bequest of several thousand books.  
Mr. R. B. Sibson: Descourtillz, Ornithologie Bresilienne.  
Mr. E. J. Mitchelson: Dressing table of New Zealand woods.  
Mrs. Doris Gordon and Miss Gladys Holman: Drawings by John Johnson, first Colonial surgeon.  
Mr. W. H. Cocker, C.M.G.: collections of Japanese sake bottles and snuff bottles and £100 for show-case.
- 1965 Mr. P. A. Lawlor: Walpole collection: books and pamphlets.  
Mr. James Pascoe: Two Dresden vases.  
Lady Richmond, Mrs. H. Kinder, Mr. P. B. Phillips: nine paintings of vessels of the Craig Line.  
Mr. J. F. Stewart: Tokipoutangata, mere pounamu and kotiate.
- 1966 Auckland City Council: Collection of three-dimensional items formerly part of the Old Colonists Museum.
- 1967 Mr Noel Cole: Portrait of Sir Peter Buck (Te Rangi Hiroa).  
Mr V. C. Cooper: Collection of New Zealand and Australian stamps.  
Lady Mappin: Georgian ball gown.  
Sir Frank Mappin: Collection of European arms and armour, and oak dining table.  
Royal New Zealand Navy: Model of H.M.N.Z.S. "Royalist", ship's book and other relics of H.M.S. "Philomel".
- 1968 Mr. R. W. W. Archer: Set of New Zealand coins for each year of issue up to 1965.  
Auckland Studio Potters: Collection of Japanese pottery, and two studio pots by Michael Cardew.  
Mr. C. E. Disney: Turkish plate.  
Mrs. Helen Mason: Collection of studio pottery.  
Mr. D. MacAlister: Collection of Staffordshire pottery.
- 1969 Wilson and Horton Ltd: Comprehensive set of files of the "New Zealand Herald", "Weekly News", "Southern Cross", "New Zealander" and other early Auckland newspapers.
- 1970 From an anonymous gift for purchase: Collection of Persian carpets, 17th-19th century; collection of Asian ceramics.
- 1971 The Cozens family (per the Misses E. M. and E. L. A. Cozens): Collection of Pacific ethnographic material collected by the late Captain G. Cozens.  
Mrs M. M. Dunningham: Han Period painted water pot, 2nd century B.C.



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## ACCESSIONS 1970 - 71

- Mrs Ackroyd: Cape, fur muff.  
 Miss M. A. Affleck: Framed print.  
 Mr John Alexander: Specimen of *Fusivoluta clarkei*.  
 Mr C. Andrew: Cresset lamp.  
 Mr P. J. Andruschenco: Two iron-manganese nodules.  
 John Dixon Antiques: Davenport covered dish.  
 Mr C. Ataya: Preserved snake skin.  
 Auckland District Maori Council: Shuckface doll.  
 Auckland Maritime Society: Collection of cap badges and insignia of shipping lines, house flags of M.V. Kopara.  
 Auckland Maritime Society: Collection of ship models made by Mr A. Moody.  
 Miss Baker: Bugle.  
 Dr N. C. Baskett: Wooden bait hook made in two pieces.  
 Miss M. P. Bell: Japanese embroideries.  
 Mrs W. O. Boger: Small collection of Recent and Pliocene shells from Florida.  
 Mr W. B. Bradshaw: Pigment pot.  
 Mr R. Bridge: Court uniform jacket, dress jacket, two sleeve ruffles, cap, sashes, copies of plan of Ruapeakepeka and sketch of Hone Heke and wife.  
 Professor L. H. Briggs: Pram.  
 Mrs F. M. Brittain: Aborigine material, two pieces Polynesian tapa, plush wall pocket, table runner.  
 Mrs D. R. Brown: Doll, dress, lace cap, mittens, lace scarf.  
 Mrs Bruce: Uniforms.  
 Mr R. B. Buller: Glass lamp shade.  
 Master David Bulmer: Stone adze.  
 Miss Jan Bush: Whalebone patu.  
 Mrs E. K. Cable: Two nightdresses, beadwork, feather box, collection of embroidery.  
 Mr K. L. Caldwell: Sidcote, worn by him in Word War 1.  
 Government of Canada: Two figures carved in argillite.  
 Miss A. M. Carter: Two glass vases.  
 Mrs D. Clemow: Sculpture from Papua.  
 Mr R. Cocks: Large stone adze.  
 Mrs. Cockburn-Mercer: Wedding dress.  
 Dr. G. R. Cooley: 200 dried plant specimens and four books.  
 Miss L. Cooper: Small brooch, jet beads, small vase.  
 Mr W. A. Corban: Greenstone adze.  
 Mr A. C. Coutts: Homeopathic medicine box.  
 Miss W. Cox: Bread basket.  
 The Cozens Family: Two wooden bowls, four fans, pearl shell fish hook, pearl fishhook shank, plaited fibre mat and shells.  
 Mr C. Crabb: Broken stone adze.  
 Mr Crawley: Watercolour of ship "Rotomahana".  
 Miss Cronhelm: Five clubs.  
 Miss J. Davidson: Butt end of tanged adze.  
 Mr C. O. Davis: Samples of string made from toi fibre.  
 Delaware Museum of Natural History: Five skins of shore birds.  
 Mr J. Diamond: Knitting and crochet hooks.



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- Mrs A. C. Dickson: Greenstone *mere*.  
 Mr L. Dixon and Mr J. Macdonald: Collection of 58 pieces of English 18th and 19th century glass.  
 Dominion Museum: Japanese flag.  
 Miss Dunsmuir: Prisoner of war relics.  
 Mrs D. Dutch: Three pieces of studio pottery.  
 Miss D. Edwards: Bone teething ring, six plated table napkin rings, horn candleholder.  
 Master J. Everett: Two adzes.  
 Mrs E. L. A. Eyre: Collection of medals, badges and buttons.  
 Mr F. G. Fairfield: Ethnographic material.  
 Mrs L. R. Fasher: Kid shoes.  
 Mr J. C. Fenton: Gilbert Is. sword and gauntlet.  
 Captain Fife: Drinking set, bombilla and gourd in skin case.  
 Mr & Mrs D. W. Freeman: Stone adze.  
 Mr L. S. Gibb: Stone adze.  
 Mr K. Goss: Femur of small moa.  
 Miss E. Gow: Collection of photographs and press cuttings relating to the late George Gow; watercolours of Auckland and North Auckland by the late Miss K. M. Gow.  
 Mr W. J. Grant: Set of woodworking tools.  
 Mr R. M. Gurr: Wood pineapple club.  
 Mr S. G. Haddon: Engraved window.  
 Mr A. S. Hamlyn: Piece of grindstone.  
 Mr C. D. Hardy: Uniforms of World War II.  
 Mr Hart: Nine X-ray photographs of Egyptian mummies.  
 Mr L. M. D. Healey: Insurance badge, centennial publication of Victoria Insurance Company.  
 Mr J. G. N. Hilliard: Copy of 18th century British recruiting poster.  
 Mrs F. C. Hoe: Glass rolling pin, wooden truncheon.  
 Mrs H. C. Holland: Photograph album.  
 Mrs T. Hoskings: Three obsidian flakes.  
 Dr. J. W. Huntsman: Six plaited mats.  
 Mr W. N. Hutchinson: Two conglomerate boulders.  
 Mr V. R. Ihle: Burmese parasol.  
 Mr T. James: Forty-seven pieces of sterling silver and one sheffield plate.  
 Japan Society: Set of Japanese dolls.  
 Mr R. G. W. Jolly: Finely flaked obsidian point.  
 Mrs King: Two pieces pottery.  
 Miss E. Kimbell: F.A.N.Y. uniform - jacket, skirt, shirt, cap and belt, tin helmet.  
 Mr Knight: Chinese scales.  
 Mrs H. Larsen: Central European tobacco pipe, ceramic.  
 Miss A. Leahy: Two adze roughouts, adze fragment.  
 Mr J. Leaning: Stone awl.  
 Mrs L. Leland: Dolman.  
 Mrs J. Lilburn: Four Egyptian necklaces, one scarab.  
 The Most Rev. J. M. Liston: Set of coins issued by the Vatican city for the years of Pope John 1958-63.  
 Mrs N. Little: Model canoe.  
 Miss Z. O. Lloyd: Slab of greenstone, stone flax beater.  
 Miss W. Mansfield: Wedding cap, ribbons, programme pencils.

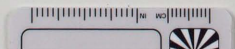
# AIM Ann Report 1970 to 1971

- Mr A. F. Maxwell: Sam brown belt, officer's hat, riding breeches, military uniform jacket.  
 Mrs Meldrum: Workbox.  
 Mr R. Menner: Manyoke.  
 Mr C. Mills: Stone pounder.  
 Mrs L. M. Mills: Ethnographic material from Sudan and N. Kenya.  
 Mr Mitchell: Handwoven sheet.  
 Mrs H. A. Molyneux: Three medals and one memorial plaque.  
 Mrs Monahan: Clock in green ceramic case with painted flowers.  
 The Mackelvie Trustees: Five paintings of New Zealand flowers.  
 Mrs A. C. McArthur: Portrait of William Goodfellow.  
 Mrs E. McComb: Silver frame.  
 Miss M. McCulloch: Collection of clothing.  
 Mr McFarlane: Collection of military items.  
 Mr J. H. S. McGregor: Collection of Army khaki uniforms.  
 Lt. Commander C. G. McLean: Cap, ceremonial helmet, summer uniform, ceremonial frock coat.  
 Mrs D. Z. McMurtrie: Hawksbill turtle.  
 Mr K. Nicholson: Papier mache workbox.  
 Mrs H. B. Offer: Wooden doll, celluloid kewpie doll.  
 Miss G. Osmond: Maori and colonial items from Mr. G. T. Wilkinson.  
 Mr W. R. S. Owen: Collection of World War 1 papers, photographs and souvenirs.  
 Mr B. Palmer: One broken wooden pounder, five adzes pieces, three flake tools.  
 Pan-Pacific & S.E. Asian Women's Association: Tapa.  
 Mr. R. Parker: Specimen of *Schizoglossa worthyae* Powell.  
 Mrs B. Staveley-Parker: Large pink Venetian glass bowl.  
 Miss B. Parris: 120 Dried plants.  
 Mr Pedersen: Commando knife, canvas water bag, U.S. army issue.  
 Miss R. M. Peek: Three packets of valentines, two spoons, volume songs, oil paintings, red glass jug, ivory fan, Tyrolean pipe.  
 Miss L. Peters: Mangle, iron.  
 Mr A. W. Pitts: Broken stone mortar found on Meteinge plantation.  
 Mr Pratt: Pieces of core and chert.  
 Mr A. D. H. Ralph-Smith: Five adzes; gift packet of chocolate, South African War.  
 Mr R. V. Roberts: Three pieces of tapa cloth made in Tonga for the King's coronation.  
 Baron Philippe de Rothschild: Redshank, curlew and black-tailed godwit.  
 Mrs Rood: Inkstand.  
 Mrs J. Register: Japanese stoneware lion.  
 Miss Joan Rattray: Tin box, South African War.  
 Mrs M. Russell: Collection of lace caps, ribbons and hand embroidered handkerchief.  
 Mrs Rabone: Long case clock.  
 Mr Rosevear: Army jacket.  
 Miss P. C. Rawlings: Dress uniform, hat, waistcoat, jacket, pair white gloves.  
 Mrs Ross: Ivory glove stretchers, set plated shuehorn and two button hooks, button hooks, ink bottle.  
 Mrs J. Sealey: Collection of medals.  
 Mr R. H. R. Shakespear: Dried plants from Little Barrier Island.

# AIM Ann Report 1970 to 1971

- Mrs R. Shannon: Stone adze.  
Miss Sharman: Dress, table 19th century inlaid.  
Mrs A. N. Sharp: Plaited fibre handbag.  
Mrs. D. J. Skinner: Framed picture of the scow "Korora".  
Mr D. R. Simmons: Four pieces viz grindstone, file, rasp and worked stone; floor mat of *Eleocharis* reed.  
Miss L. Stevens: Three parasols.  
Mrs L. A. Stone: Watercolour, barque "Stag".  
Mrs F. Swan: Chinese clothing.  
Mrs Mairatea Tahiti: Original scroll (and facsimile) of roll of first New Zealand Maori Contingent 1915.  
Mrs Leo Tattersfield: Japanese tea ceremony set.  
Tauranga Museum Society: Collection of collars, three preserving jars.  
Mr M. Taylor: Stone Sinkers.  
Mrs F. O. Timmins: Short wood club.  
Mr F. J. Todd: Four clay pipes, box of Bell and Co's matches, pipe - in shape of visored knight.  
Mr N. F. Thomas: Specimens of *Modelia granosa*.  
Mr J. C. Thompson: Stone adze.  
Mr A. Thornton: Two clay pots, piece of weaving.  
Mr D. Vincent: Adze of *kahungunu* type, *patu onewa* with ridged and notched butt.  
Mrs C. E. Walker: Pottery plaque.  
Mr S. Ward: Carpenters brace.  
Mr B. Ward: Colonial domestic medicine case and contents.  
Mr C. R. Webster: Stone adze.  
Mrs A. Williams: Carved wooden walking stick.  
Mr G. Williamson: Collection of medals, buttons and insignia.  
Mr E. D. Willis: Piece of old canoe.  
Mrs C. Wilson: Five pewter plates, silver sugar bowl, damask cloths and pieces of lace, Georgian bedside table.  
Mrs O. Wilson: Piece stained glass, Nottingham jug.  
Mr L. Wilson: Stone adze.  
Mr E. M. Wilton: Stone adze.  
Mr G. Witham: Christening mug, feeding spoon, watch, letter opener, match box, photograph, card case, tea and coffee pots.  
Mrs Withers: Christening gown.  
Mr D. White: Fish trap.  
Mrs D. Wormald: Jug, food chopper.  
Mrs E. L. Wright: Small cloth hat, circular metal calendar.  
Mrs R. Young: Vase covered with military badges (Gallipoli relic).  
Storm-driven, accidentally killed and caged birds: Mr J. Abbott, Auckland Acclimatisation Society, Mr P. P. Barbour, Mr W. Byles, Miss E. Clark, Mr N. Couchman, Messrs C. D. and R. M. Clunie, Mr F. B. Dawson, Mr C. W. Devonshire, Mr R. Duder, Mr T. Dwyer, Mr H. G. Ford, Mr T. Fraser, Mr F. E. Gee, Mr K. Goss, Mr W. A. Groom, Mr D. W. Haddon, Miss S. Harding, Mrs D. Hole, Mr T. J. Horner, Mr J. Isaachsen, Mr T. A. Jenkins, Mr M. K. Jones, King's College Bird Club, Mr G. H. Lendrum, Mr P. L. Liddell, Mr P. Lishman, Mr C. C. Loudon, Mr E. McDowell, Mrs C. McKenzie, Mr H. R. McKenzie, Mr K. J. McPherson, Mrs D. Miller, Mr D. Mitchell, Mr S. J. Newey, Mr S. Owens, Mrs A. Parker, Mr N. Picet, Mr L. Pickett, Mrs E. Power, Mrs S. Reed, Rodney Junior Naturalists' Club, Mr A. P. Shelford, Mr R. B. Sibson, Mrs Q. L. Slade, Mr T. V. Smith, Mr P. Stone, Mrs R. Vincent, Wildlife Service, Mr J. Wisnesky, Mr L. Withers, Zoological Park.

AIM Ann Report  
1970 to 1971



## BALANCE SHEET AS AT 31st MARCH, 1971

E. G. TURBOTT,  
Treasurer

## AIM Ann Report 1970 to 1971



# AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT for the Year Ended 31st March, 1971

EXPENDITURE			INCOME		
	1971	1970		\$	\$
	\$	\$		1971	1970
Salaries and Wages .....	120,678	102,766	Contributions from Local Authorities —		
Superannuation .....	3,166	2,873	Metropolitan and Provincial		
	123,844	105,639	Statutory .....	159,000	139,500
Administration Expenses —			Provincial Voluntary .....	4,615	4,477
Audit Fee .....	281	277		163,615	143,977
Cleaning Materials, Laundry and					
Custodial .....	1,321	1,349	Subscriptions —		
Councillors' Travelling .....	34	118	Life Members' .....	320	520
Freight and Cartage .....	237	51	Annual .....	4,370	4,447
General .....	1,155	1,102		4,690	4,967
Heating, Lighting and Water .....	3,715	3,960			
Insurance .....	2,085	1,811	Donations —		
Legal Fee .....	966	—	Donation Box .....	1,435	1,491
Postages, Telephones, Intercom.	2,208	2,264	Special .....	604	103
Printing and Stationery .....	2,869	2,823		2,039	1,594
Rates — Auckland City Council	21,132	18,910			
Staff Removal .....	181	805	Interest —		
Travelling .....	1,332	805	Trusts .....	1,482	1,482
	37,516	33,470	General Endowments .....	1,630	1,640
Preservation and Display —			Term Deposit, Bank NZ .....	2,961	2,838
Preservation Materials .....	918	842		6,073	5,960
Preparation and Taxidermy .....	1,412	690			
Extension Service .....	1,593	1,522			
Special Exhibitions .....	155	257			
Photography .....	442	394			
Cook Expedition .....	250	623			
	4,770	4,328			
Institute —					
Expenses .....	1,967	1,763			
Subscriptions written off .....	274	420			
	2,241	2,183			

<b>Repairs and Maintenance —</b>			
Building .....	8,000	3,934	
Electrical Fittings .....	895	1,006	
Showcases and Furniture .....	499	3,081	
Equipment and General .....	1,191	686	
		10,585	8,707
Depreciation of Motor Vehicle .....			
		750	
<b>Sales and Services —</b>			
Auditorium, net .....	1,121	—	
Information Desk, net .....		269	
Publications .....	1,528	—	
		2,649	269
<b>Unauthorised Expenditure —</b>			
Entertainment of Guests, etc .....		224	263
Balance transferred to Appropriation Account .....		2,102	6,534
		<u>\$184,681</u>	<u>\$161,393</u>

<b>Income from Sales and Services —</b>			
Coffee Lounge, Net .....	4,128	2,112	
Exhibition Hall .....	215	130	
Guided Tours .....	308	247	
Planetarium .....	1,100	1,267	
Publications .....	—	1,139	
Shop, Net .....	2,513	—	
		8,264	4,895
		<u>\$184,681</u>	<u>\$161,393</u>

**APPROPRIATION ACCOUNT**  
For the Year Ended 31st March, 1971

	1971	1970
	\$	\$
Capital Expenditure from Revenue .....	8,449	6,330
Capital Expenditure from Reserves .....	23,749	8,215
Capital Expenditure from Trusts .....	982	509
Life Members' Subscription Endowment .....	320	520
Publications Reserve .....	—	1,139
Loss on Sale of Investments .....	—	11
Transfer to Reserve for Building Additions .....	—	1,000
Balance carried down .....	—	79
	<u>\$33,500</u>	<u>\$17,803</u>

	1971	1970
	\$	\$
Balance as at 1st April .....	79	1,545
Balance from Income and Expenditure A/c .....	2,102	6,534
Transfer from Auckland Savings Bank Grant .....	1,000	962
"    "    L. J. Ayre Philately .....	120	91
"    "    Sir John Logan Campbell Trust .....	4,931	620
"    "    W. H. Cocker — Showcase .....	—	238
"    "    Costley Bequest .....	5,400	—
"    "    J. C. Entrican — Numismatics .....	411	10
"    "    Sir Cecil Leys — Specimens .....	—	395
"    "    Mackenzie Library Bequest .....	452	408
"    "    Dixon Stroud Fund .....	208	72
"    "    M. H. G. de Courcy Bequest .....	—	1,000
"    "    Specimen Purchase Fund .....	3,823	5,928
"    "    Showcase for White China .....	32	—
"    "    Building Reserve .....	8,354	—
Publications Reserve .....	1,528	—
Balance carried down .....	5,060	—
	<u>\$33,500</u>	<u>\$17,803</u>

# STATEMENT OF TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/70	Income Balance 1/4/70		Interest	Other Receipts	Total Income	Payments	Detail	Income Balance 31/3/71		Capital Balance 31/3/71	Total Balance
		Dr	Cr						Dr	Cr		
TRUSTS												
Accumulating Endowment	1,691.14			88.78		88.78					1,779.92	1,779.92
H. G. Atkinson — Research	1,478.48		492.69	77.62		570.31				570.31	1,478.48	2,048.79
L. J. Ayre — Philately	1,777.92		16.01	93.34		109.35	119.65	Appn. A/c.	10.30		1,777.92	1,767.62
J. C. Entrican — Numismatics	2,000.00		777.15	105.00		882.15	410.62	Appn. A/c.		471.53	2,000.00	2,471.53
Mackechnie — Library	4,000.00		491.66	210.00		701.66	451.93	Appn. A/c.		249.73	4,000.00	4,249.73
Janet McLennan — School Service	2,000.00		490.00	105.00		595.00				595.00	2,000.00	2,595.00
Mitchelson Prize	400.00		123.81	21.00		144.81				144.81	400.00	544.81
Museum Endowment	28,232.44		—	1,482.20		1,482.20	1,482.20	I & E A/c.			28,232.44	28,232.44
Pond Cheeseman Bequest — Commemoration Prize	290.00		96.59	15.23		111.82				111.82	290.00	401.82
Sir Carrick Robertson — Research	1,200.00		331.58	63.00		394.58				394.58	1,200.00	1,594.58
Edward Earle Vaile — Ethnology, Library	245,108.85		3,479.59	10,049.96	11,836.10	25,365.65	20,112.07	Vaile A/c.		5,253.58	245,108.85	250,362.43
Bertha Wilson — Cinematography	4,000.00		1,766.36	210.00		1,976.36				1,976.36	4,000.00	5,976.36
Bertha Wilson — Photography	2,000.00		390.92	105.00		495.92	79.73			416.19	2,000.00	2,416.19
	294,178.83		8,456.36	12,626.13	11,836.10	32,918.59	22,656.20		10.30	10,183.91	294,267.61	304,441.22
GENERAL ENDOWMENTS												
Costley Bequest	15,400.00			770.00		770.00	5,400.00	Appn. A/c.			10,000.00	10,000.00
Houghton Bequest	1,047.56			52.38		52.38	770.00	I & E A/c.				
Life Members' Subscriptions	16,156.64			807.83	320.00	1,127.83	807.83				1,047.56	1,047.56
	32,604.20			1,630.21	320.00	1,950.21	7,030.21				27,524.20	27,524.20

# RESERVES, GIFTS, GRANTS AND PROVISIONS

Auckland Crete Veterans' Association — Showcase	42.85		1.50		1.50				44.35	44.35
Auckland Savings Bank — Exhibition Halls, Research				1,000.00	1,000.00	1,000.00	Appn. A/c. I & E A/c.		—	—
Building Maintenance	24,382.12		853.37		853.37	1,959.08			23,266.41	23,266.41
Sir John Logan Campbell Trust — Exhibition Halls	1,379.79		48.29	4,000.00	4,048.29	4,931.12	Appn. A/c.		496.96	496.96
Clinch — Photographic Equipment	1,054.24		36.90		36.90				1,091.14	1,091.14
Depreciation of Investments	1,094.84		38.32		38.32				1,133.16	1,133.16
Depreciation of Auditorium Assets				1,000.00	1,000.00				1,000.00	1,000.00
Depreciation of Coffee Lounge Assets	3,944.65		138.06		1,108.04	1,246.10			5,190.75	5,190.75
Depreciation of Motor Vehicles	2,418.09		84.63		1,500.00	1,584.63			4,002.72	4,002.72
Depreciation of Shop Assets			—		313.00	313.00			313.00	313.00
Educational Publications	2,959.58		103.59		103.59				3,063.17	3,063.17
Ellis — Ethnographic Specimens	237.53		8.31		8.31				245.84	245.84
Horton — Geology	274.66		9.61		9.61				284.27	284.27
Humphrey-Davies — Catalogues	1,402.43		49.09		49.09	1,451.52	Pnt. A/c.		2,049.68	2,049.68
Leys — Ethnographic Specimens	1,980.37		69.31		69.31				6,257.84	6,257.84
Memorial Halls	6,011.11		210.39	35.34	246.73				1,701.10	1,701.10
Nuffield Grant	1,659.49		58.08		58.08	16.47			230.19	230.19
Oceanographic Grant	222.41		7.78		7.78				14,806.74	14,806.74
Publications Reserve	15,782.05		552.37		552.37	1,527.68	Appn. A/c.		1,000.42	1,000.42
Reserve for Building Additions	8,844.98		309.58	200.00	509.58	8,354.14	Appn. A/c.		614.62	614.62
Showcase for White's China	30.72		1.08		1.08	31.80	Appn. A/c.		1,116.59	1,116.59
Special Visitors' Fund	593.84		20.78		20.78				177.76	177.76
Specimen Purchase	3,812.39		133.43	994.40	1,127.83	3,823.63	Appn. A/c.		12.26	12.26
Stroud Fund	372.47		13.04		13.04	207.75			15,275.23	15,275.23
Sword Purchase	11.84		0.42		0.42					
Vaile Obsolescence Fund	14,372.20		503.03	400.00	903.03					
	92,884.65		3,250.95	10,551.78	13,802.74	23,313.19			83,374.20	83,374.20

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT  
(A summary of this account is included in the Statement of Trusts)

			1971	1970
			\$	\$
<b>Capital Expenditure —</b>			<b>11,836</b>	<b>12,100</b>
Collections .....	3,806	2,125		
Library .....	6,205	7,321		
	10,011	9,446		
<b>Archaeology —</b>				
Salary, Wages & Superannuation .....	4,774	4,247		
Specimen Preservation .....	—	2		
Travelling and Field Expense .....	1,021	802		
Cook Expedition .....	—	612		
	5,795	5,663		
Valuation .....	—	25		
Transfer to Obsolescence Fund .....	400	400		
Interest on Obsolescence Fund .....	503	472		
	903	897		
Balance carried down .....	5,254	3,480		
	<u>\$21,963</u>	<u>\$19,486</u>	<u>\$21,963</u>	<u>\$19,486</u>
<b>Rents Received —</b>				
Less Expenses —				
Commission .....	638	640		
Insurance .....	536	673		
Rates .....	1,397	1,023		
Repairs and Maintenance .....	832	3,087		
	3,403	5,423		
<b>Net Rents —</b>			<b>8,433</b>	<b>6,677</b>
<b>Interest and Dividends —</b>				
Term Deposit, BNZ .....	972	948		
Local Authority Stock .....	770	770		
NZ Government Stock .....	570	570		
Trust Companies Securities .....	7,415	7,256		
Dividends .....	323	232		
	10,050	9,776		
Balance brought down .....	3,480	3,033		
	<u>\$21,963</u>	<u>\$19,486</u>	<u>\$21,963</u>	<u>\$19,486</u>



## ROLL OF HONORARY LIFE MEMBERS

	Elected
Ferdinand von Hochstetter, PH.D.	1868
Sir Cecil Leys	1931
H. E. Vaile, Esq.	1931
Captain G. A. Humphreys-Davies	1944
E. Earle Vaile, Esq., O.B.E.	1944
Professor H. W. Segar, M.A., F.R.S.N.Z.	1946
W. G. White, Esq.	1946
Sir Frank Mappin, Bart	1947
J. C. Rennie, Esq., LL.B.	1947
J. C. Entrican, Esq.	1948
Eruini Taipari, Esq.	1949
Sir Carrick Robertson, F.R.C.S.	1951
A. T. Pycroft, Esq.	1951
Sir James Gunson, C.M.G., C.B.E.	1955
Sir John Allum, C.B.E.	1960
M. K. Draffin, Esq., M.C., F.R.I.B.A.	1960
Sir Ernest Davis	1961
Sir William Goodfellow	1962
W. Calder MacKay, Esq., O.B.E., M.C.	1962
Sir Gilbert Archey, C.B.E., M.A., D.S.C., F.R.S.N.Z.	1963
E. H. Rhodes, Esq., B.S.C.	1963
Lucy Cranwell Smith, M.A., D.S.C., F.L.S., F.R.S.N.Z.	1964
J. Seabrook, Esq., C.M.G., A.F.C.	1964
Professor L. H. Briggs, D.S.C., D.PHIL., F.R.S.N.Z.	1965
W. B. Dixon Stroud, Esq.	1966
Rt. Hon. Sir Harold Barrowclough, K.C.M.G., C.B., D.S.O., M.C.	1967
C. E. Disney, Esq.	1967
R. S. Milne, Esq.	1968
W. Taipari, Esq.	1968
Archbishop James M. Liston, C.M.G., D.D., HON.LL.D.	1970

## Members of the Auckland Institute.

### HONORARY LIFE MEMBERS

- |  |   |
|--|---|
| Sir John Allum, C.B.E.   | Sir William Mackay, O.B.E.,<br>M.C.                       |
| Sir Gilbert Archey, C.B.E.,<br>F.R.S.N.Z.                                | Sir Frank Mappin, Bart.                                   |
| The Rt. Hon. Sir Harold<br>Barrowclough, K.C.M.G., C.B.,<br>D.S.O., M.C. | R. S. Milne, Esq.   |
| Professor L. H. Briggs, D.Sc.,<br>D.Phil., F.R.S.N.Z.                    | A. T. Pycroft, Esq.                                       |
| C. E. Disney, Esq.   | J. C. Rennie, Esq., LL.B.                                 |
| Sir William Goodfellow   | J. Seabrook, Esq., C.M.G., A.F.C.                         |
| Archibishop James M. Liston,<br>C.M.G., D.D., Hon. LL.D.                 | Mrs L. Cranwell Smith, M.A.,<br>D.Sc., F.L.S., F.R.S.N.Z. |
|  | W. B. Dixon Stroud, Esq.                                  |
|  | W. Taipari, Esq.  |

### LIFE MEMBERS

- |   |   |
|---|---|
| Adams, G. E.  | Bishop, John J.   |
| Adams, L.   | Bishop, T. A., O.B.E., M.M., B.A.                           |
| Alexander, A. M.  | Bishop, W. N.   |
| Alexander, L. J.  | Bonny, G. E.  |
| Alldritt, C.  | Booth, C. H.  |
| Allen, Mrs F. G. H.   | Bow, A. F.  |
| Allen, L. R., M.Sc., M.A., Ph.D.                                  | Bowden, Dr. B. J.   |
| Ambler, F. N., O.B.E.   | Brehmer, K., B.A.   |
| Andrae, Dr. G. A.   | Brett, Miss Marguerite                                      |
| Armstrong, R. W., M.A., Ph.D.,<br>M.P.H., M.R.S.H.,               | Brett, Miss Philippa  |
| Ash, Miss C., M.A.  | Broadfoot, Mrs R. M., F.N.Z.I.C.                            |
| Astley, F. Lloyd  | Brooker, S. G., M.Sc., F.N.Z.I.C.                           |
| Atkinson, J. D., M.Agric.Sc.,<br>F.R.S.N.Z.                       | Brooking, C. T., E.D., M.A.,<br>Dip.Ed.                     |
| Bach, C. R., E.D., B.Sc.  | Brothers, Professor R. N., M.Sc.,<br>Ph.D., D.I.C., F.G.S.  |
| Bach, Miss Elizabeth E. R.  | Brown, A. G.  |
| Baker, D. H.  | Brown, Harvey St. C.  |
| Ball, Mrs J. E. M.  | Brown, H., B.A.   |
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Sneyd, Mrs C., B.A.  
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Spencer, Rev. P. M.  
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Spragg, R. F., E.D., B.Com.,  
A.C.A.  
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D.O.M.S., F.R.A.C.S.  
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Tattersfield, L. W.  
Tattersfield, R. A.  
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F.N.Z.I.E.  
Thomas, F., B.A.  
Thomas, H. C., M.M. and Bar,  
B.Com., F.A.S.A., F.C.I.S.  
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Thomson, W.  
Thomson, W. Laird  
Thorp, F. T.  
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Tocker, F. A.  
Tomkinson, G. B.  
Tong, S. W., LL.B.  
Tonkin, Dr. Ronald C.  
Topping, Dr. R. B.  
Townsend, E. F.

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 Turkington, J.  
 Turnbull, T. R.  
 Turner, The Rt Hon Sir Alexander, M.A., LL.B., Hon. LL.D.  
 Turner, Sir Harvey, C.B.E.  
 Turney, T. A., M.Sc.  
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 Upton, Mrs T.  
  
 Vahry, D. H.  
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 Vialoux, H. R. A.  
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 Watt, C.  
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 Watts, R.  
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 Weir, Mrs S. D. E.  
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 West, Miss R.  
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 (Camb.)  
  
 Whaley, Owen G., M.A.  
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 White, Mrs D. P.  
 White, Lloyd W., B.A.  
 Whitelaw, Alistair  
 Whitelaw, Miss E. J. K., B.A.  
 Whitten, Rev. H. E.  
 Widdicombe, R. A., B.Arch.,  
 F.N.Z.I.A.  
 Wilks, R. L.  
 Williams, P.L.B., B.E.  
 Williamson, K., B.E.  
 Willis, B. G.  
 Willis, W.  
 Willmott, R., M.A.  
 Wilson, Miss Rona M., B.A.  
 Wilson, Mrs W. L.  
 Winchester, Mrs O.  
 Witcombe, N. C.  
 Wood, A. A. W.  
 Wood, A. R.  
 Wood, Miss Barbara L., M.A.  
 Wood, G. A., Ph.D.  
 Wood, H. F.  
 Wood, Dr. W. Sealy  
 Woodbury, J. E.  
 Woodyear-Smith, H.  
 Woolloxall, J. L. D., B.A., M.Sc.  
 Worley, Rupert, M.C.  
 Worthy, Mrs Ida M.  
 Wright, G. A., M.Sc., D.Phil.  
 (Oxon.), A.N.Z.I.C.  
 Wright, Miss Margaret  
 Wrightson, M. A., F.R.A.C.S.  
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 Wyber, W. L.  
 Wynn-Williams, Miss O.  
 Wynyard, Miss E. A.  
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 Yates, F. R.  
 Yen, D. E., M.Agr.Sc.  
 Young, Mrs N. M.  
  
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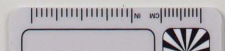
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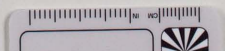
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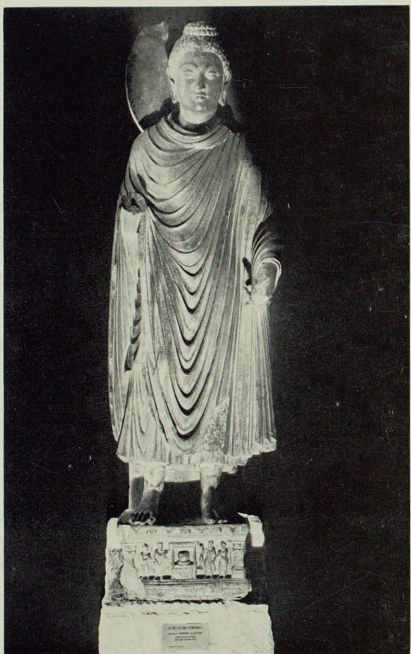


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Standing Buddha, Gandhara, 2nd-3rd century A.D. *Mackelvie Collection*